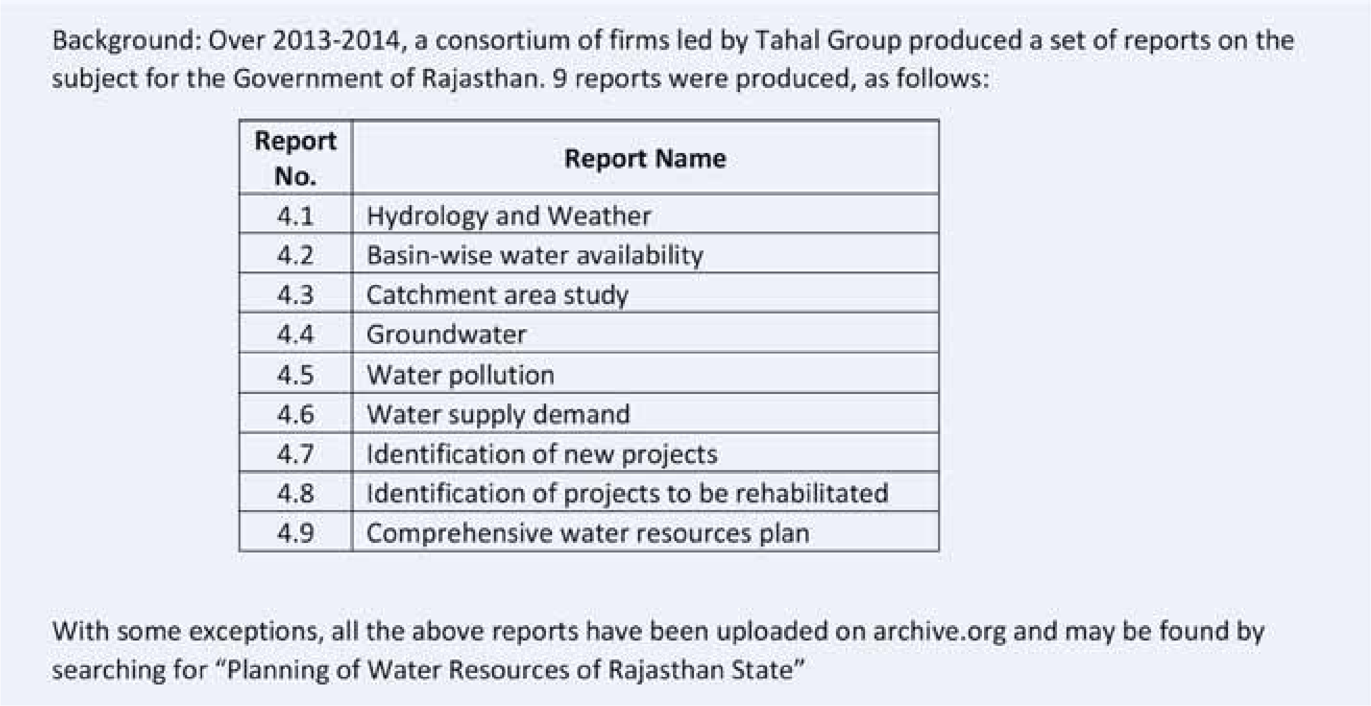
Planning of Water Resources of Rajasthan State

Report Number:

4.3

Report Name:

Detailed study of catchment areas



Background: Over 2013-2014, a consortium of firms led by Tahal Group produced a set of reports on the subject for the Government of Rajasthan. 9 reports were produced, as follows:

Report No.	Report Name
4.1	Hydrology and Weather
4.2	Basin-wise water availability
4.3	Catchment area study
4.4	Groundwater
4.5	Water pollution
4.6	Water supply demand
4.7	Identification of new projects
4.8	Identification of projects to be rehabilitated
4.9	Comprehensive water resources plan

With some exceptions, all the above reports have been uploaded on archive.org and may be found by searching for "Planning of Water Resources of Rajasthan State"

Final Report No. 4.3

Volume 1 of 3

Report

* This volume was not available at the original source
http://water.rajasthan.gov.in/content/water/en/swrpdepartment/dataroom/tahaldata.html

Final Report No. 4.3

Volume 2 of 3

Appendices

STUDY ON PLANNING OF WATER RESOURCES OF RAJASTHAN

INRM Consultants Pvt Ltd

Final Report No. 4.3

Detailed Study of Catchment Areas

Volume 2
Appendices

July 2014

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Appendix I

Project Catchment wise Raingauge and Meteorological Stations

Appendix I

Project Catchment wise Raingauge and Meteorological Stations

S. No.	River Basin	Project Name	Meteorological station	No. of raingauge	Rain gauge station
1	Banas	Arwar Dam	Ajmer	2	Agucha *, Sareri *
2	Banas	Badgaon	Dabok	4	Gogunda, Maoli, Udaipur Dabok (a), Vallabhnagar
3	Banas	Bagoliya	Dabok	1	Bagolia *
4	Banas	Bassi	Chittorgarh	2	Orai *, Khari Dam
5	Banas	Bhopalsagar	Dabok	1	Bhopalsagar
6	Banas	Bisalpur	Dabok	56	Agucha *, Amet, Arwar Dam *, Asind, Badgaon *, Badi Sadri, Badnore, Bagolia *, Banera, Bhadesar, Bharai *, Bhilwara, Bhim, Bhinai, Bhopalsagar, Chittaurgarh, Deo Garh, Dungla, Gambhiri *, Gangrar, Goela, Gogunda, Hurda, Jahazpur, Jawaja, Kapasan, Kekri, Khari Dam *, Kotri, Mandal, Mandalgarh, Maoli, Masuda, Meja Dam *, Nahar Sagar *, Nasira Bad, Nasirda *, Nathdwara, Nimbahera, Orai *, Patan *, Railmagra, Rajsamand, Rashmi, Sahada, Sandesar *, Sareri *, Sarwar, Sawar, Shahpura, Sri Nagar, Tatgarh, Udaipur Dabok (a), Ummed Sagar *, Vallabhnagar, Vallabhnagar *, Vijaynagar
7	Banas	Chandra Bhaga	Dabok	1	Amet
8	Banas	Chandsen	Sanganer	1	Malpura
9	Banas	Chhaparwada	Jobner	2	Chhaparwara *, Naraina
10	Banas	Dheel	Sanganer	1	Niwai
11	Banas	Dindoli	Chittorgarh	1	Rashmi
12	Banas	Galwa Bund	Sawai Madhopur	1	Nainwa
13	Banas	Gambhiri	Chittorgarh	1	Nimbahera
14	Banas	Gosunda Project	Dabok	13	Badgaon *, Badi Sadri, Bagolia *, Bhadesar, Bhopalsagar, Dungla, Gogunda, Kapasan, Maoli, Sandesar *, Udaipur Dabok (a), Vallabhnagar, Vallabhnagar *
15	Banas	Hingonia	Sanganer	1	Chomu
16	Banas	Jetpura	Rawatbhata	1	Mandalgarh
17	Banas	Kalisil	Sawai Madhopur	1	Kalisil *

S. No.	River Basin	Project Name	Meteorological station	No. of raingauge	Rain gauge station
18	Banas	Kalkh Sagar	Sanganer	1	Chomu
19	Banas	Khari Dam	Jawaibandh	3	Deo Garh, Jawaja, Tatgarh
20	Banas	Kothari Dam	Chittorgarh	2	Mandal, Meja Dam *
21	Banas	Lassadia Bund	Ajmer	5	Bhinai, Goela, Nasira Bad, Sarwar, Sri Nagar
22	Banas	Mandal	Chittorgarh	1	Mandal
23	Banas	Mashi	Sanganer	6	Arain, Chhaparwara *, Naraina, Phagi, Chaksu, Morel Bund
24	Banas	Mataji Ka Khera	Dabok	1	Bharai *
25	Banas	Matrikundia	Dabok	5	Amet, Bharai *, Nathdwara, Railmagra, Rajsamand
26	Banas	Meja	Chittorgarh	1	Raipur
27	Banas	Mora Sagar	Sanganer	1	Moran Sagar *
28	Banas	Morel Bund	Sanganer	9	Amber, Bassi, Chaksu, Jaipur, Jaipur (a), Kanota *, Morel Dam *, Rahuwas *, Sanganer
29	Banas	Moti Sagar	Sawai Madhopur	1	Moti Sagar *
30	Banas	Murlia	Chittorgarh	1	Gambhiri *
31	Banas	Nahar Sagar	Chittorgarh	1	Nahar Sagar *
32	Banas	Nand Samand	Dabok	1	Gogunda
33	Banas	Naryan Sagar Jalia IInd	Ajmer	1	Patan *
34	Banas	Orai	Chittorgarh	1	Orai *
35	Banas	Rajsamand	Dabok	1	Rajsamand
36	Banas	Sareri Dam	Chittorgarh	1	Sareri *
37	Banas	Surawal	Sawai Madhopur	1	Sawai Madhopur
38	Banas	Tordisagar	Ajmer	2	Lamba Hari Singh *, Malpura
39	Banas	Udai Sagar	Dabok	1	Gogunda
40	Banas	Ummed Sagar**B**	Chittorgarh	2	Banera, Ummed Sagar *
41	Banas	Vallabhnagar	Dabok	3	Bagolia *, Gogunda, Udaipur Dabok (a)
42	Banas	Wagan	Dabok	1	Dungla
43	Banganga	Ajan Lower	Dhaulpur	1	Bharatpur
44	Banganga	Kala Kho	Sanganer	1	Dausa
45	Banganga	Kharad	Sanganer	1	Jamwa Ramgarh
46	Banganga	Madho Sagar	Sanganer	1	Sikrai
47	Banganga	Ramgarh Bund	Sanganer	1	Jamwa Ramgarh
48	Banganga	Sainthal Sagar	Sanganer	1	Jamwa Ramgarh

S. No.	River Basin	Project Name	Meteorological station	No. of raingauge	Rain gauge station
49	Chambal	Abhaypura	Rawatbhata	1	Bijolia
50	Chambal	Alnia Dam	Kota [A]	1	Kota Barrage *
51	Chambal	Bethali	Jhalawar	1	Chhabra
52	Chambal	Bhimlat Dam	Rawatbhata	1	Bijolia
53	Chambal	Bhimsagar	Jhalawar	1	Asnawar
54	Chambal	Bilas	Jhalawar	1	Ummed Sagar *
55	Chambal	Bundi Ka Gothra	Kota [A]	1	Panwar Sagar *
56	Chambal	Burdha Dam	Kota [A]	1	Ladpura
57	Chambal	Chauli	Jhalawar	1	Pirawa
58	Chambal	Chhapi	Jhalawar	1	Bakani
59	Chambal	Dugari	Sawai Madhopur	1	Nainwa
60	Chambal	Gagrain	Jhalawar	1	Dug
61	Chambal	Galwania	Sawai Madhopur	1	Galwar *
62	Chambal	Gopal Pura	Jhalawar	1	Ummed Sagar *
63	Chambal	Gudha	Rawatbhata	1	Chandsen *
64	Chambal	Harishchandra Sagar	Jhalawar	6	Bakani, Jhalawar, Jhalrapatan, Pachpahar, Pirawa, Ramganjmandi
65	Chambal	Jawahar Sagar Dam	Rawatbhata	5	Begun, Bhainsrorgarh, Dug, Gangdhar, Pratap Garh
66	Chambal	Kota Barrage	Rawatbhata	4	Bhainsrorgarh, Begun, Gangdhar, Dug
67	Chambal	Lhasi	Jhalawar	1	Chhipabarod
68	Chambal	Mansarovar	Sawai Madhopur	1	Mansarowar *
69	Chambal	Parwan Lift	Jhalawar	3	Aklera, Bhimsagar *, Shergarh
70	Chambal	Parwan Pickup Weir	Jhalawar	2	Aklera, Bhimsagar *
71	Chambal	Parwati Pickup Weir	Jhalawar	2	Chhabra, Chhipabarod
72	Chambal	Piplad	Jhalawar	1	Pachpahar
73	Chambal	Rana Pratap Sagar Dam	Rawatbhata	3	Dug, Gangdhar, Pratap Garh
74	Chambal	Sawan Bhadon	Rawatbhata	1	Ramganjmandi
75	Chambal	Takli	Rawatbhata	1	Ramganjmandi
76	Chambal	Ummed SagarC	Kota [A]	1	Ummed Sagar *
77	Gambhir	Baretha	Dhaulpur	1	Baretha *
78	Gambhir	Juggar Dam	Dhaulpur	1	Juggar *
79	Gambhir	Panchana	Dhaulpur	1	Karauli
80	Luni	Angore Dam	Mount Abu	1	Danta *

S. No.	River Basin	Project Name	Meteorological station	No. of raingauge	Rain gauge station
81	Luni	Bandi Sendra	Mount Abu	1	Jaswantpura
82	Luni	Bankli Bund	Jawaibandh	5	Desuri, Kana *, Kumbhalgarh, Muthana *, Sadri *
83	Luni	Bisalpura Bund	Jodhpur [A]	1	Jaswant Sagar *
84	Luni	Giroliya Tank	Jawaibandh	1	Desuri
85	Luni	Hemawas Bund	Jawaibandh	1	Hemawas *
86	Luni	Jaswant Sagar	Ajmer	7	Ajmer, Ajmer (a), Beawar *, Girinanda *, Jaitaran, Jaswant Sagar *, Mangliawas, Pisangan, Pushkar
87	Luni	Jawai Bund	Jawaibandh	1	West Banas *
88	Luni	Kharda Bund	Jodhpur [A]	1	Pali
89	Luni	Ora Bund	Jawaibandh	1	Ora *
90	Luni	Phool Sagar Jaliya	Ajmer	1	Beawar *
91	Luni	Raipur Luni	Ajmer	1	Raipur Luni *
92	Luni	Sardar Samand	Jodhpur [A]	3	Raipur, Raipur Luni *, Sojat
93	Mahi	Jaisamand	Dabok	1	Jaisamand *
94	Mahi	Jakham	Chittorgarh	1	Chhoti Sadri
95	Mahi	Mahi Dam	Banswara	3	Arnod, Danpur
96	Mahi	Som Kamla Amba Project	Dabok	9	Babalwara *, Dewal, Dungarpur, Ganeshpur, Jaisamand *, Kanba, Kherwada, Rikhabdeo *, Sarada, Som Kagdar *
97	Mahi	Somkagdar	Dabok	2	Babalwara *, Kherwada
98	Mahi	Surwania	Banswara	1	Bagidora
99	Parbati	Parbati Dam	Dhaulpur	1	Sirmathura
100	Parbati	Ramsagar Dam	Dhaulpur	1	Bari
101	Parbati	Urmila Sagar	Dhaulpur	1	Talabshahi *
102	Ruparail	Jai Samand Bund	Sanganer	1	Siliserh *
103	Ruparail	Sikri Bund	Sanganer	3	Malakhera, Rajgarh, Siliserh *
104	Sabi	Buchara	Sanganer	1	Paota
105	Sabi	Chhitoli	Sanganer	1	Thanagazi
106	Shekhawati	Raipur Patan	Pilani	1	Neem Ka Thana
107	Sukli	Sukli Selwara	Mount Abu	1	Mount Abu
108	WestBanas	West Banas	Jawaibandh	1	Pindwara

Raingauge station with suffix :- * Water Resource department, (a) IMD, no suffix Revenue department
Met station with suffix [A] :- Station at Airport

Appendix II

Simulated Water Yield, Evaporation and Recharge Components in Various Major/Medium Project Catchment

(Details in soft copy)

Appendix II - Abstract

Mean Simulated Water Yield, Evaporation and Recharge Components in Various Major/Medium Project Catchment

Note: Project name with suffix * has Major/Medium projects in its upstream catchment where Col3-8 presents components from differential catchment i.e. area excluding upstream major/medium project catchment. The actual water yield of such projects including all upstream interventions is presented in column 9, while column 3-8 presents evaporation, water yield and recharge from its differential catchment. For rest of the projects (which do not have suffix *) they are with no upstream Major/Medium projects and Col 3 denotes the actual water yield to project.

Blanks in Column 5&6 signifies that reservoir was not operational during that period, therefore evaporation from reservoir could not be computed.

Basin (Project)	Water Yield Scenario 1, Mm^3	Water Yield Scenario 2, Mm^3	Reservoir Evaporation Scenario 1, Mm^3	Reservoir Evaporation Scenario 2, Mm^3	Recharge from WHS, Mm^3	Evaporation from WHS, Mm^3	Actual Water yield (Scenario 1, from entire catchment), Mm^3
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Shekhawati Basin (Raipur Patan)	7.48	8.33	0.42	0.50	0.95	0.43	-
Ruparail Basin (Jaisamand Dam)	18.99	19.38	1.27	1.27	0.49	0.13	
Ruparail Basin *(Sikri Bund)	170.48	179.37	0.01	0.01	8.74	2.31	189.46
Banganga Basin (Ajan Lower)	37.53	42.89	0.26	0.30	25.76	6.75	
Banganga Basin (Kala Kho)	26.83	31.17	0.16	0.18	3.65	1.08	
Banganga Basin (Kharad)	6.36	6.71	0.06	0.07	0.28	0.08	
Banganga Basin (Madho Sagar)	7.72	7.85	0.14	0.14	0.10	0.03	
Banganga Basin (Ramgarh Dam)	30.98	42.32	0.27	0.36	0.12	0.04	
Banganga Basin *(Sainthal sagar)	8.40	12.90	0.09	0.13	4.92	1.44	12.84
Gambhir Basin (Baretha)	48.82	51.02	2.20	2.30	1.87	0.49	
Gambhir Basin (Jugger)	32.43	34.20	1.45	1.54	1.22	0.32	
Gambhir Basin (Panchana)	87.41	91.39	2.05	2.13	3.57	0.88	

Basin (Project)	Water Yield Scenario 1, Mm^3	Water Yield Scenario 2, Mm^3	Reservoir Evaporation Scenario 1, Mm^3	Reservoir Evaporation Scenario 2, Mm^3	Recharge from WHS, Mm^3	Evaporation from WHS, Mm^3	Actual Water yield (Scenario 1, from entire catchment), Mm^3
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Parbati Basin (Parbati dam)	61.58	102.16	2.03	3.29	43.76	0.13	
Parbati Basin (Ramsagar Dam)	19.13	33.98	0.56	0.92	20.06	0.06	
Parbati Basin (Urmila Sagar)	8.85	14.22	0.18	0.28	5.23	0.01	
Sabi Basin (Bucchara dam)	17.41	20.34	0.82	1.03	2.48	0.72	-
Sabi Basin (Chittoli dam)	15.55	16.47	0.34	0.38	0.82	0.22	-
Banas Basin *(Arwar Dam)	13.66	24.56	2.28	3.48	14.41	4.93	27.89
Banas Basin *(Badgaon Dam)	6.27	9.58	0.77	1.28	5.58	1.94	25.30
Banas Basin (Bagolia Dam)	1.25	1.40	0.03	0.04	0.17	0.06	-
Banas Basin *(Bassi Dam)	13.83	15.71	0.89	0.98	3.73	1.24	56.44
Banas Basin *(Bhupal sagar Dam)	8.53	13.98	0.69	1.11	5.16	1.71	9.38
Banas Basin *(Bisalpur Dam)	142.58	270.65	32.54	42.59	149.99	50.05	794.86
Banas Basin (Chandra Bhaga Dam)	9.59	12.77	0.01	0.01	3.35	1.10	-
Banas Basin (Chandsen Bheru Dam)	20.73	29.68	2.24	2.83	5.79	1.83	-
Banas Basin (Chhaparwada dam)	31.51	41.47	3.23	3.92	8.32	2.67	-
Banas Basin (Dheel dam)	48.10	62.29	3.65	4.14	12.74	3.87	-
Banas Basin (Dindoli dam)	3.09	3.82	0.33	0.43	0.60	0.19	-
Banas Basin (Galwa bund)	48.00	57.70	6.01	6.46	8.38	2.75	-
Banas Basin (Gambhiri Dam)	169.77	186.19	5.40	5.70	15.09	4.92	-
Banas Basin *(Gosunda dam)	106.26	150.44	9.10	9.69	43.97	14.55	161.68
Banas Basin *(Hingoniya dam)	17.03	18.06	0.37	0.40	1.41	0.44	27.22
Banas Basin (Jetpura dam)	28.81	30.49	1.92	1.94	1.52	0.48	-
Banas Basin (Kalakh bund)	13.50	14.19	0.00	0.00	0.75	0.21	-
Banas Basin (Kalisil dam)	45.78	48.94	3.78	3.83	2.98	0.89	-
Banas Basin (Khari dam)	24.18	41.68	1.82	2.41	15.01	5.25	-
Banas Basin *(Kothari dam)	46.65	58.01	3.36	3.65	13.93	4.69	57.71
Banas Basin (Lassadia dam)	23.52	45.48	1.10	1.20	29.71	9.80	-
Banas Basin (Mandal dam)	4.48	7.64	0.95	1.06	2.68	0.90	-
Banas Basin *(Mashi dam)	146.36	204.60	5.21	5.64	52.26	16.55	203.95

Basin (Project)	Water Yield Scenario 1, Mm^3	Water Yield Scenario 2, Mm^3	Reservoir Evaporation Scenario 1, Mm^3	Reservoir Evaporation Scenario 2, Mm^3	Recharge from WHS, Mm^3	Evaporation from WHS, Mm^3	Actual Water yield (Scenario 1, from entire catchment), Mm^3
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Banas Basin (Mata ji ka khera)	0.97	1.42	0.04	0.06	0.73	0.24	-
Banas Basin *(Matrikundiya pick up weir)	3.72	7.49	0.01	0.01	7.95	2.60	73.81
Banas Basin (Meja)	8.66	17.48	2.45	4.04	10.81	3.71	-
Banas Basin (Mora sagar)	10.67	13.54	0.44	0.57	2.56	0.79	-
Banas Basin (Morel Bund)	189.42	236.76	3.34	4.12	47.20	14.26	-
Banas Basin (Moti sagar)	23.32	28.16	1.56	1.83	3.86	1.28	-
Banas Basin (Murlia)	21.19	22.74	1.39	1.46	1.43	0.46	-
Banas Basin (Nahar sagar)	27.68	46.37	1.63	2.25	15.77	5.49	-
Banas Basin (Nandsamand)	64.48	72.81	2.31	2.39	8.43	2.87	-
Banas Basin (Narain sagar jalia)	4.04	5.58	0.35	0.47	1.02	0.35	-
Banas Basin (Orai)	53.24	55.87	1.31	1.35	2.39	0.79	-
Banas Basin (Rajsamand)	6.23	9.17	1.70	2.48	2.91	0.95	-
Banas Basin (Sareri)	20.71	35.19	2.05	3.30	13.66	4.68	-
Banas Basin (Surawal)	16.91	24.06	1.42	1.98	6.62	1.97	-
Banas Basin (Tordi sagar)	51.32	78.82	5.60	7.09	20.58	6.55	-
Banas Basin (Udaisagar)	26.40	33.83	0.54	0.81	9.95	3.36	-
Banas Basin (Ummed Sagar)	26.20	41.33	3.37	4.15	13.19	4.47	-
Banas Basin *(Vallabhnagar)	4.20	5.85	0.42	0.68	4.18	1.37	22.71
Banas Basin (Wagon)	30.43	35.64	2.34	2.73	5.00	1.63	-
Chambal Basin * (Abheypura)	13.24	13.24	0.03	0.03	0.00	0.00	52.07
Chambal Basin (Alnia dam)	24.06	24.13	0.03	0.03	0.36	0.12	
Chambal Basin (Bethali)	26.78	26.99	2.12	2.13	0.28	0.09	-
Chambal Basin (Bhimlat dam)	63.23	63.74	3.70	3.71	1.17	0.38	
Chambal Basin (Bhimsagar dam)	39.34	40.26	1.92	1.98	1.86	0.58	
Chambal Basin (Bilas dam)	31.81	32.36	1.94	1.96	1.22	0.36	
Chambal Basin (Bundi ka gothara)	16.82	16.97	0.49	0.50	3.22	1.04	
Chambal Basin (Burdha dam)	29.93	30.21	2.09	2.09	1.61	0.52	
Chambal Basin (Chhapi)	201.01	201.46	2.81	2.83	0.63	0.19	

Basin (Project)	Water Yield Scenario 1, Mm^3	Water Yield Scenario 2, Mm^3	Reservoir Evaporation Scenario 1, Mm^3	Reservoir Evaporation Scenario 2, Mm^3	Recharge from WHS, Mm^3	Evaporation from WHS, Mm^3	Actual Water yield (Scenario 1, from entire catchment), Mm^3
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Chambal Basin (Chauli dam)	23.79	25.17	2.80	2.86	2.02	0.63	
Chambal Basin (Dugari dam)	14.27	14.62	0.71	0.71	1.93	0.63	
Chambal Basin (Gagrain)	88.28	89.54	-	-	1.50	0.49	
Chambal Basin (Galwaniya)	57.55	58.23	4.12	4.17	1.89	0.63	
Chambal Basin (Gopalpura dam)	98.19	99.28	1.35	1.36	2.47	0.74	
Chambal Basin (Gudha dam)	301.20	306.94	4.85	4.88	12.61	4.08	
Chambal Basin *(Harishchandra sagar)	1882.35	1900.49	0.01	0.01	30.05	9.68	2066.68
Chambal Basin *(Jawahar sagar dam)	181.14	185.13	5.15	5.16	14.26	4.65	4740.93
Chambal Basin *(Kota barrage)	13.25	13.27	0.97	0.97	0.45	0.14	4725.13
Chambal Basin (Lhasi)	24.03	24.18	-	-	0.40	0.12	
Chambal Basin (Mansarovar)	26.52	26.83	1.76	1.78	0.32	0.10	
Chambal Basin *(Parwan lift)	76.74	79.98	0.01	0.01	4.99	1.57	1992.81
Chambal Basin *(Parwan pick up weir)	1718.15	1721.95	0.00	0.00	6.78	2.11	1919.13
Chambal Basin *(Parwati pick up weir)	1747.96	1754.11	0.00	0.00	11.56	3.59	1787.82
Chambal Basin (Piplad)	18.77	19.19	0.19	0.22	0.54	0.18	
Chambal Basin (Rana pratap sagar)	4784.11	4800.06	90.60	90.60	19.29	6.16	
Chambal Basin (Sawan bhadon)	16.52	16.99	0.01	0.01	0.91	0.29	
Chambal Basin (Takli)	53.77	54.13	-	-	0.53	0.17	
Chambal Basin (Ummed sagar)	355.64	357.93	1.42	1.43	5.33	1.61	
Mahi Basin (Jaisamand dam)	176.11	193.80	1.51	1.51	15.00	4.95	
Mahi Basin (Jakham dam)	316.92	325.63	4.78	4.92	6.01	1.95	
Mahi Basin (Mahi bajaj sagar)	3077.55	3105.29	58.64	59.03	22.78	7.31	
Mahi Basin *(Som kamla amba)	295.41	340.26	12.06	12.69	40.65	13.69	524.17
Mahi Basin (Som kagdar)	53.64	61.18	1.06	1.22	6.66	2.30	
Mahi Basin (Surwania)	34.51	35.72	1.38	1.41	1.03	0.34	
Luni Basin (Angore bund)	6.74	8.65	1.13	1.41	2.51	0.01	
Luni Basin (Bandi sendhera)	27.33	43.01	0.94	1.89	20.23	0.06	
Luni Basin (Bankli bund)	74.28	116.01	2.36	3.34	48.02	0.12	

Basin (Project)	**Water Yield Scenario 1, Mm^3**	**Water Yield Scenario 2, Mm^3**	**Reservoir Evaporation Scenario 1, Mm^3**	**Reservoir Evaporation Scenario 2, Mm^3**	**Recharge from WHS, Mm^3**	**Evaporation from WHS, Mm^3**	**Actual Water yield (Scenario 1, from entire catchment), Mm^3**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Luni Basin (Bislapura bund)	13.31	16.83	0.07	0.12	4.87	0.01	
Luni Basin (Giroliya tank)	10.82	16.50	0.03	0.03	8.35	0.02	
Luni Basin (Hemawas bund)	96.00	129.08	6.43	7.14	32.75	0.10	
Luni Basin *(Jaswant sagar)	20.74	31.02	0.43	0.64	18.70	0.05	21.44
Luni Basin (Jawai dam)	89.75	122.82	10.54	11.46	40.88	0.13	
Luni Basin (Kharda bund)	8.62	10.79	1.46	1.67	2.19	0.01	
Luni Basin (Ora bund)	19.47	27.25	1.50	1.68	9.39	0.03	
Luni Basin (Phool sagar jaliya)	0.78	1.26	0.02	0.04	1.25	0.00	
Luni Basin (Raipur Luni)	28.23	44.08	0.15	0.17	21.94	0.07	
Luni Basin *(Sardar Samand dam)	28.78	40.24	3.63	5.25	16.70	0.04	53.67
West Banas Basin (West Banas dam)	62.34	63.14	5.38	5.44	0.75	0.24	
Sukli (Sukli selwara)	17.26	18.73	0.66	0.91	1.43	0.42	

Appendix 2 - Annual components of Major Medium projects

Project name with suffix * has Major\Medium projects in its upstream catchment where Col3-8 presents components from differential catchment i.e. area excluding upstream major/medium project catchment. The actual water yield of such projects including all upstream interventions is presented in column 9, while column 3-8 presents evaporation, For rest of the projects (which do not have suffix *) they are with no upstream Major\Medium projects and Col 3 denotes the actual water yield to project.
Blanks in Colomn 5&6 signifies that dam was not operational during that period, therefore evaporation from reservoir could not be computed.

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Shekhawati Basin (Raipur Patan)	1973	3.35	4.08	0.21	0.27	0.95	0.45	
	1974	11.78	13.62	0.75	0.80	1.36	0.64	
	1975	15.00	16.70	1.09	1.11	1.65	0.70	
	1976	21.25	23.10	1.21	1.23	1.82	0.81	
	1977	59.64	61.41	1.20	1.20	1.89	0.81	
	1978	18.46	20.12	1.27	1.28	1.87	0.85	
	1979	2.69	3.64	1.05	1.11	1.54	0.75	
	1980	1.46	2.02	0.47	0.66	1.06	0.52	
	1981	3.22	3.93	0.27	0.35	0.86	0.40	
	1982	1.16	1.81	0.10	0.21	0.83	0.40	
	1983	3.40	4.20	0.26	0.33	0.79	0.36	
	1984	1.98	2.51	0.14	0.25	0.69	0.33	
	1985	1.87	2.48	0.13	0.18	0.64	0.28	
	1986	2.92	3.53	0.21	0.26	0.72	0.34	
	1987	0.19	0.47	0.03	0.06	0.61	0.30	
	1988	4.74	5.60	0.29	0.35	0.65	0.28	
	1989	0.72	1.21	0.27	0.44	0.72	0.34	
	1990	0.58	1.21	0.03	0.08	0.64	0.29	
	1991	0.64	1.16	0.04	0.08	0.55	0.25	
	1992	3.81	4.46	0.22	0.26	0.62	0.27	
	1993	3.67	4.31	0.35	0.51	0.76	0.36	
	1994	3.35	3.97	0.28	0.49	0.73	0.34	
	1995	6.89	7.86	0.45	0.68	0.91	0.42	
	1996	17.83	19.77	1.16	1.29	1.65	0.74	
	1997	1.21	1.80	0.91	0.94	1.36	0.64	
	1998	0.24	0.63	0.18	0.30	0.79	0.38	
	1999	0.75	1.28	0.06	0.10	0.61	0.29	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2000	0.49	1.02	0.04	0.08	0.54	0.25	
	2001	0.88	1.43	0.08	0.13	0.58	0.26	
	2002	0.18	0.40	0.01	0.03	0.48	0.23	
	2003	2.88	3.58	0.18	0.22	0.52	0.22	
	2004	2.36	2.90	0.16	0.21	0.61	0.27	
	2005	6.98	8.16	0.54	0.63	1.05	0.47	
	2006	2.86	3.44	0.74	0.95	1.09	0.51	
	2007	1.37	2.04	0.30	0.57	0.83	0.42	
	2008	4.91	5.86	0.38	0.47	0.87	0.39	
	2009	0.78	1.31	0.28	0.46	0.80	0.39	
	2010	67.61	69.46	0.58	0.60	1.31	0.54	
	Mean	**7.48**	**8.33**	**0.42**	**0.50**	**0.95**	**0.43**	-
Ruparail Basin (Jaisamand Dam)	1973	15.45	15.96	1.31	1.31	0.50	0.13	
	1974	8.98	9.36	1.37	1.38	0.45	0.12	
	1975	38.75	39.25	1.25	1.25	0.48	0.11	
	1976	31.20	31.64	1.28	1.29	0.52	0.14	
	1977	64.97	65.45	1.18	1.18	0.52	0.12	
	1978	32.12	32.60	1.26	1.26	0.50	0.12	
	1979	1.92	2.12	1.33	1.34	0.48	0.14	
	1980	4.57	4.93	1.32	1.33	0.45	0.12	
	1981	4.94	5.31	1.35	1.35	0.43	0.11	
	1982	10.02	10.51	1.25	1.25	0.49	0.13	
	1983	61.70	62.20	1.25	1.25	0.55	0.14	
	1984	8.57	9.03	1.37	1.37	0.48	0.13	
	1985	24.93	25.45	1.33	1.34	0.52	0.13	
	1986	0.07	0.15	1.28	1.28	0.52	0.15	
	1987	0.12	0.18	1.12	1.12	0.43	0.13	
	1988	9.04	9.62	1.07	1.08	0.49	0.12	
	1989	1.07	1.16	1.29	1.29	0.46	0.13	
	1990	16.56	17.26	1.20	1.21	0.64	0.17	
	1991	2.73	3.03	1.36	1.36	0.43	0.11	
	1992	23.78	24.28	1.30	1.31	0.48	0.12	
	1993	12.31	12.80	1.38	1.38	0.51	0.14	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	8.56	9.03	1.26	1.26	0.52	0.13	
	1995	49.54	50.04	1.30	1.31	0.49	0.12	
	1996	81.68	82.18	1.29	1.29	0.54	0.14	
	1997	12.15	12.64	1.19	1.19	0.52	0.12	
	1998	19.97	20.52	1.32	1.32	0.61	0.16	
	1999	2.41	2.59	1.35	1.35	0.50	0.13	
	2000	2.85	3.20	1.32	1.33	0.47	0.14	
	2001	0.93	1.01	1.19	1.21	0.48	0.12	
	2002	0.05	0.10	1.18	1.20	0.34	0.10	
	2003	34.96	35.57	1.07	1.08	0.48	0.12	
	2004	0.49	0.58	1.31	1.32	0.47	0.13	
	2005	4.00	4.51	1.22	1.24	0.51	0.14	
	2006	4.60	5.03	1.29	1.31	0.49	0.13	
	2007	1.99	2.14	1.29	1.29	0.52	0.14	
	2008	67.83	68.55	1.25	1.25	0.56	0.14	
	2009	1.07	1.18	1.30	1.30	0.46	0.13	
	2010	54.60	55.21	1.20	1.21	0.51	0.12	
	Mean	**18.99**	**19.38**	**1.27**	**1.27**	**0.49**	**0.13**	-
	1973	115.70	126.83	0.01	0.01	11.44	3.16	131.15
	1974	79.26	89.46	0.01	0.01	10.06	3.01	88.24
	1975	370.27	387.54	0.01	0.01	13.24	3.21	409.02
	1976	251.07	265.81	0.01	0.01	13.63	3.64	282.26
	1977	548.32	565.61	0.01	0.01	14.43	3.59	613.29
	1978	218.95	229.66	0.01	0.01	10.96	2.82	251.07
	1979	21.60	24.11	0.01	0.01	6.33	1.83	23.51
	1980	45.20	50.78	0.01	0.01	5.48	1.46	49.77
	1981	74.25	82.73	0.01	0.01	7.22	2.01	79.19
	1982	66.16	71.81	0.01	0.01	6.83	1.75	76.18
	1983	379.40	393.09	0.01	0.01	10.34	2.59	441.10
	1984	112.33	122.20	0.01	0.01	10.09	2.69	120.90
	1985	173.36	186.49	0.01	0.01	11.48	3.03	198.29
	1986	0.42	0.46	0.01	0.01	5.49	1.60	0.49
	1987	0.84	1.69	0.01	0.01	2.28	0.66	0.95

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Ruparail Basin *(Sikri Bund)	1988	63.46	67.54	0.01	0.01	4.12	1.08	72.50
	1989	16.28	18.67	0.01	0.01	3.61	0.99	17.35
	1990	107.00	115.37	0.01	0.01	6.88	1.74	123.56
	1991	18.21	20.25	0.01	0.01	5.08	1.45	20.94
	1992	156.86	169.84	0.01	0.01	8.59	2.10	180.65
	1993	164.42	176.62	0.01	0.01	11.32	3.25	176.73
	1994	119.96	131.14	0.01	0.01	10.66	2.76	128.52
	1995	612.65	626.31	0.01	0.01	11.34	2.98	662.19
	1996	671.33	686.02	0.01	0.01	13.81	3.51	753.01
	1997	170.90	179.89	0.01	0.01	9.93	2.43	183.05
	1998	256.05	270.48	0.01	0.01	12.19	3.19	276.02
	1999	59.90	65.84	0.01	0.01	8.91	2.47	62.31
	2000	32.08	36.92	0.01	0.01	6.31	1.78	34.93
	2001	31.97	37.73	0.01	0.01	6.74	1.82	32.89
	2002	-0.02	-0.06	0.01	0.01	2.63	0.77	0.02
	2003	301.33	315.78	0.01	0.01	9.24	2.16	336.29
	2004	53.98	59.91	0.01	0.01	7.95	2.26	54.47
	2005	143.90	153.47	0.01	0.01	9.83	2.65	147.90
	2006	30.47	34.81	0.01	0.01	6.80	1.88	35.07
	2007	37.85	42.42	0.01	0.01	5.56	1.51	39.84
	2008	549.20	566.38	0.01	0.01	13.07	3.33	617.03
	2009	41.41	46.85	0.01	0.01	8.33	2.34	42.48
	2010	381.86	395.56	0.01	0.01	9.96	2.37	436.46
	Mean	**170.48**	**179.37**	**0.01**	**0.01**	**8.74**	**2.31**	**189.46**
	1973	16.82	20.10	0.26	0.29	28.44	7.70	
	1974	42.73	50.50	0.33	0.37	30.11	8.06	
	1975	124.20	132.01	0.44	0.46	35.90	8.92	
	1976	105.16	112.54	1.16	1.18	41.22	10.93	
	1977	44.00	50.77	0.86	0.89	36.55	9.52	
	1978	27.68	34.40	0.73	0.78	23.22	6.54	
	1979	0.05	0.02	0.01	0.02	7.62	2.27	
	1980	15.25	21.83	0.06	0.08	16.43	3.94	
	1981	0.00	0.12	0.00	0.00	15.66	4.54	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banganga Basin (Ajan Lower)	1982	131.48	140.20	0.33	0.36	25.20	6.06	
	1983	93.24	100.65	0.55	0.68	40.91	10.54	
	1984	47.25	54.61	0.72	0.93	32.56	8.93	
	1985	13.84	17.83	0.27	0.49	27.21	7.13	
	1986	0.00	0.00	0.00	0.01	14.80	4.29	
	1987	0.00	0.00	0.00	0.00	1.98	0.54	
	1988	48.41	56.40	0.07	0.09	16.57	3.79	
	1989	0.55	2.78	0.00	0.00	22.48	6.04	
	1990	15.68	22.58	0.00	0.00	20.96	5.13	
	1991	20.04	26.57	0.01	0.02	25.91	6.90	
	1992	18.93	25.10	0.01	0.01	27.94	7.09	
	1993	14.68	21.26	0.01	0.01	28.51	7.68	
	1994	32.69	39.53	0.11	0.13	31.01	8.15	
	1995	161.66	169.57	0.68	0.69	37.71	9.88	
	1996	126.11	133.87	1.03	1.05	42.46	10.86	
	1997	12.25	18.03	0.34	0.38	30.46	7.92	
	1998	63.11	70.95	0.43	0.46	33.41	8.61	
	1999	1.66	4.11	0.14	0.25	33.30	9.00	
	2000	0.00	0.00	0.00	0.00	14.51	4.29	
	2001	29.92	37.39	0.20	0.23	18.32	4.46	
	2002	5.71	9.80	0.00	0.00	18.72	5.15	
	2003	99.73	108.47	0.54	0.58	32.33	7.84	
	2004	22.50	29.21	0.22	0.34	32.90	8.94	
	2005	22.62	28.73	0.14	0.17	34.94	9.31	
	2006	13.42	18.84	0.00	0.00	20.29	5.58	
	2007	0.00	0.00	0.00	0.00	8.17	2.29	
	2008	36.45	44.90	0.17	0.20	19.36	4.37	
	2009	4.35	6.86	0.02	0.03	27.81	7.59	
	2010	13.88	19.10	0.03	0.04	22.87	5.66	
	Mean	**37.53**	**42.89**	**0.26**	**0.30**	**25.76**	**6.75**	
	1973	5.15	7.90	0.06	0.25	3.77	1.17	
	1974	42.33	50.60	0.19	0.20	4.74	1.50	
	1975	101.60	108.34	0.27	0.28	5.31	1.41	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banganga Basin (Kala Kho)	1976	9.06	13.69	0.28	0.30	4.88	1.44	
	1977	85.46	92.33	0.20	0.24	5.13	1.41	
	1978	30.93	37.12	0.29	0.30	5.36	1.59	
	1979	18.15	23.78	0.25	0.26	4.76	1.47	
	1980	34.41	40.64	0.26	0.27	4.98	1.57	
	1981	167.19	174.32	0.28	0.28	4.99	1.56	
	1982	0.67	1.29	0.12	0.12	2.54	0.79	
	1983	133.14	140.66	0.18	0.18	4.35	1.23	
	1984	5.72	10.02	0.21	0.25	4.46	1.35	
	1985	16.32	22.14	0.14	0.17	4.26	1.27	
	1986	5.26	9.70	0.14	0.19	4.03	1.26	
	1987	0.00	0.00	0.00	0.01	1.45	0.48	
	1988	1.61	2.85	0.01	0.02	1.62	0.46	
	1989	0.00	0.00	0.00	0.00	0.83	0.26	
	1990	2.03	3.73	0.02	0.03	2.04	0.59	
	1991	23.34	30.42	0.13	0.14	4.02	1.13	
	1992	43.92	50.34	0.27	0.28	5.25	1.49	
	1993	38.59	44.76	0.34	0.34	5.45	1.73	
	1994	34.38	40.55	0.24	0.24	4.68	1.38	
	1995	39.71	46.04	0.27	0.27	4.74	1.37	
	1996	20.77	26.83	0.26	0.28	5.19	1.49	
	1997	1.78	3.69	0.12	0.13	3.22	0.91	
	1998	22.24	28.64	0.19	0.20	4.54	1.39	
	1999	11.85	17.39	0.19	0.23	4.47	1.31	
	2000	7.83	12.55	0.10	0.27	4.43	1.42	
	2001	0.99	1.81	0.01	0.07	2.53	0.77	
	2002	0.00	0.00	0.00	0.00	0.59	0.19	
	2003	18.33	24.97	0.15	0.17	3.26	0.88	
	2004	0.00	0.00	0.13	0.13	2.03	0.67	
	2005	48.61	55.99	0.23	0.23	3.78	1.14	
	2006	0.00	0.00	0.11	0.11	2.04	0.64	
	2007	0.26	0.52	0.00	0.00	0.44	0.12	
	2008	26.19	32.62	0.13	0.14	3.06	0.81	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	0.12	0.28	0.15	0.15	2.38	0.79	
	2010	21.56	27.78	0.09	0.11	3.07	0.78	
	Mean	**26.83**	**31.17**	**0.16**	**0.18**	**3.65**	**1.08**	
Banganga Basin (Kharad)	1973	1.71	1.97	0.01	0.01	0.21	0.06	
	1974	10.18	10.60	0.09	0.09	0.28	0.08	
	1975	14.74	15.08	0.11	0.11	0.32	0.09	
	1976	3.22	3.65	0.07	0.08	0.36	0.11	
	1977	10.83	11.19	0.10	0.10	0.30	0.08	
	1978	9.78	10.15	0.11	0.11	0.32	0.09	
	1979	5.87	6.25	0.08	0.09	0.33	0.11	
	1980	3.60	3.87	0.04	0.04	0.20	0.06	
	1981	10.00	10.33	0.10	0.10	0.26	0.08	
	1982	2.03	2.44	0.02	0.03	0.30	0.10	
	1983	10.45	10.87	0.12	0.13	0.36	0.11	
	1984	2.08	2.33	0.02	0.03	0.22	0.06	
	1985	8.55	8.99	0.07	0.07	0.30	0.09	
	1986	2.89	3.26	0.02	0.03	0.34	0.10	
	1987	1.78	2.15	0.02	0.03	0.29	0.10	
	1988	2.36	2.64	0.02	0.02	0.24	0.07	
	1989	2.10	2.39	0.01	0.01	0.24	0.07	
	1990	1.70	2.05	0.01	0.02	0.27	0.08	
	1991	3.62	3.94	0.02	0.02	0.23	0.06	
	1992	6.61	6.91	0.05	0.05	0.29	0.08	
	1993	2.71	3.03	0.03	0.03	0.26	0.09	
	1994	1.03	1.27	0.01	0.01	0.21	0.06	
	1995	11.34	11.75	0.10	0.11	0.30	0.08	
	1996	12.63	13.07	0.10	0.11	0.33	0.09	
	1997	11.83	12.34	0.12	0.14	0.38	0.11	
	1998	4.70	5.01	0.10	0.12	0.32	0.09	
	1999	3.28	3.53	0.03	0.03	0.23	0.07	
	2000	3.69	3.95	0.03	0.04	0.22	0.06	
	2001	1.31	1.58	0.01	0.02	0.23	0.07	
	2002	1.15	1.43	0.01	0.01	0.21	0.07	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	10.33	10.77	0.08	0.08	0.36	0.11	
	2004	20.60	21.10	0.14	0.14	0.34	0.11	
	2005	10.64	11.07	0.22	0.23	0.37	0.11	
	2006	2.93	3.17	0.08	0.09	0.26	0.07	
	2007	4.62	5.02	0.03	0.04	0.30	0.10	
	2008	11.06	11.43	0.13	0.13	0.29	0.09	
	2009	2.78	3.05	0.02	0.02	0.23	0.07	
	2010	10.91	11.32	0.06	0.07	0.26	0.07	
	Mean	**6.36**	**6.71**	**0.06**	**0.07**	**0.28**	**0.08**	
Banganga Basin (Madho Sagar)	1973	4.77	4.88	0.07	0.07	0.10	0.04	
	1974	19.08	19.23	0.22	0.22	0.09	0.02	
	1975	16.39	16.50	0.43	0.43	0.11	0.03	
	1976	10.59	10.75	0.47	0.48	0.11	0.03	
	1977	16.25	16.41	0.40	0.42	0.13	0.04	
	1978	12.54	12.68	0.44	0.46	0.12	0.04	
	1979	8.25	8.42	0.34	0.37	0.12	0.04	
	1980	7.84	7.98	0.12	0.12	0.09	0.02	
	1981	23.52	23.64	0.28	0.28	0.11	0.03	
	1982	0.63	0.74	0.44	0.44	0.08	0.02	
	1983	0.68	0.76	0.02	0.02	0.09	0.03	
	1984	0.83	0.89	0.01	0.01	0.05	0.01	
	1985	11.17	11.31	0.10	0.10	0.09	0.02	
	1986	2.46	2.59	0.02	0.02	0.12	0.04	
	1987	0.51	0.60	0.00	0.00	0.07	0.02	
	1988	2.10	2.20	0.02	0.02	0.09	0.03	
	1989	3.14	3.21	0.04	0.04	0.06	0.02	
	1990	8.40	8.56	0.10	0.11	0.12	0.04	
	1991	5.00	5.10	0.05	0.05	0.07	0.01	
	1992	15.06	15.25	0.17	0.17	0.14	0.04	
	1993	7.71	7.85	0.17	0.18	0.13	0.05	
	1994	9.79	9.95	0.10	0.10	0.13	0.04	
	1995	16.50	16.68	0.18	0.18	0.13	0.04	
	1996	10.33	10.56	0.14	0.15	0.15	0.05	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	4.41	4.54	0.05	0.05	0.11	0.04	
	1998	8.86	9.00	0.11	0.11	0.11	0.04	
	1999	5.18	5.29	0.04	0.04	0.10	0.03	
	2000	5.12	5.21	0.07	0.07	0.08	0.03	
	2001	10.06	10.20	0.15	0.16	0.10	0.03	
	2002	3.43	3.55	0.04	0.04	0.10	0.03	
	2003	10.83	10.98	0.13	0.13	0.11	0.03	
	2004	2.89	3.01	0.05	0.05	0.09	0.03	
	2005	5.44	5.54	0.07	0.07	0.09	0.03	
	2006	5.81	5.92	0.07	0.08	0.09	0.03	
	2007	2.48	2.60	0.03	0.03	0.09	0.04	
	2008	6.38	6.49	0.10	0.10	0.08	0.03	
	2009	1.55	1.65	0.01	0.01	0.07	0.02	
	2010	7.38	7.49	0.07	0.07	0.09	0.03	
	Mean	**7.72**	**7.85**	**0.14**	**0.14**	**0.10**	**0.03**	
	1973	20.90	22.91	0.04	0.04	0.11	0.03	
	1974	44.39	46.71	0.06	0.06	0.11	0.03	
	1975	102.18	104.55	0.39	0.40	0.15	0.04	
	1976	21.75	24.05	0.74	0.78	0.14	0.04	
	1977	97.96	100.32	0.30	0.31	0.15	0.04	
	1978	71.99	74.15	0.78	0.82	0.13	0.04	
	1979	19.98	22.29	0.52	0.58	0.13	0.04	
	1980	20.55	22.39	0.00	0.00	0.10	0.03	
	1981	70.82	73.41	0.20	0.21	0.13	0.04	
	1982	9.91	12.08	0.27	0.30	0.12	0.04	
	1983	69.75	72.77	0.13	0.14	0.16	0.05	
	1984	28.89	30.77	0.25	0.27	0.11	0.03	
	1985	68.22	70.86	0.19	0.20	0.13	0.04	
	1986	11.23	12.94	0.27	0.29	0.11	0.04	
	1987	11.52	13.56	0.02	0.03	0.10	0.03	
	1988	11.63	13.30	0.02	0.02	0.10	0.03	
	1989	21.73	23.60	0.02	0.02	0.10	0.03	
	1990	18.37	21.11	0.07	0.07	0.14	0.04	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banganga Basin (Ramgarh Dam)	1991	17.86	19.64	0.02	0.03	0.10	0.03	
	1992	39.69	42.20	0.07	0.08	0.14	0.04	
	1993	34.35	36.45	0.05	0.06	0.13	0.04	
	1994	21.29	23.38	0.04	0.04	0.12	0.04	
	1995	103.28	105.57	0.36	0.38	0.14	0.04	
	1996	92.03	94.48	1.20	1.23	0.15	0.04	
	1997	68.95	71.74	1.20	1.23	0.14	0.04	
	1998	29.60	31.94	1.04	1.13	0.16	0.05	
	1999	0.51	5.47	0.05	0.30	0.12	0.04	
	2000	0.46	4.50	0.04	0.29	0.10	0.03	
	2001	0.12	1.54	0.00	0.07	0.12	0.04	
	2002	0.08	1.17	0.00	0.05	0.06	0.02	
	2003	3.01	61.77	0.25	0.66	0.14	0.04	
	2004	22.39	89.71	0.35	0.73	0.14	0.04	
	2005	11.45	91.28	0.48	0.94	0.15	0.05	
	2006	0.31	3.10	0.03	0.12	0.11	0.03	
	2007	0.35	3.41	0.02	0.14	0.12	0.04	
	2008	4.26	81.94	0.42	0.86	0.14	0.04	
	2009	0.22	2.00	0.01	0.10	0.11	0.03	
	2010	5.09	74.94	0.27	0.53	0.12	0.03	
	Mean	**30.98**	**42.32**	**0.27**	**0.36**	**0.12**	**0.04**	
	1973	0.01	0.50			2.98	0.93	0.32
	1974	5.46	13.99			5.51	1.63	14.54
	1975	9.51	18.03			8.70	2.31	24.16
	1976	3.97	9.19			6.81	2.11	6.30
	1977	35.34	48.15			8.36	2.21	46.12
	1978	22.26	32.59			9.25	2.59	31.97
	1979	3.02	8.07			6.93	2.25	8.37
	1980	5.60	10.86			4.25	1.27	9.18
	1981	13.57	22.10			6.64	1.90	23.56
	1982	0.00	0.05			4.36	1.31	0.60
	1983	5.71	12.43			5.40	1.61	15.01
	1984	0.06	0.32			2.51	0.77	0.17

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banganga Basin *(Sainthal sagar)	1985	1.80	4.70			3.56	0.97	6.71
	1986	0.00	0.66			4.49	1.37	1.05
	1987	0.00	0.00			2.37	0.82	0.36
	1988	0.01	0.31			1.52	0.42	0.64
	1989	0.14	0.49			1.57	0.47	0.37
	1990	1.23	4.93			3.10	0.90	2.63
	1991	0.00	0.03			2.24	0.66	0.77
	1992	0.00	0.12			2.78	0.81	1.56
	1993	6.00	11.85			4.11	1.27	8.57
	1994	0.98	3.31			3.55	1.01	1.72
	1995	0.00	0.08	0.00	0.00	2.92	0.84	1.70
	1996	7.47	13.88	0.13	0.21	5.24	1.43	14.51
	1997	10.46	17.38	0.09	0.21	6.29	1.69	20.15
	1998	0.00	1.16	0.15	0.20	5.56	1.66	1.61
	1999	1.82	6.61	0.02	0.08	3.95	1.16	5.09
	2000	0.31	3.47	0.01	0.06	3.80	1.18	2.90
	2001	1.15	3.23	0.00	0.03	3.34	1.00	1.54
	2002	0.00	0.07	0.00	0.00	1.58	0.51	0.10
	2003	23.62	34.47	0.19	0.20	8.00	2.27	33.08
	2004	31.75	44.32	0.16	0.22	8.30	2.38	48.28
	2005	47.41	58.95	0.34	0.34	11.55	3.53	55.98
	2006	2.42	6.92	0.05	0.13	5.77	1.73	5.34
	2007	0.00	0.18	0.00	0.01	3.42	1.13	1.00
	2008	76.32	90.68	0.23	0.24	8.44	2.46	87.35
	2009	1.71	5.11	0.02	0.07	5.50	1.69	2.72
	2010	0.00	1.02	0.00	0.00	2.41	0.62	1.89
	Mean	**8.40**	**12.90**	**0.09**	**0.13**	**4.92**	**1.44**	**12.84**
	1973	25.19	27.56	2.56	2.62	1.98	0.48	
	1974	52.29	54.54	2.62	2.77	2.01	0.58	
	1975	110.05	112.60	3.21	3.23	2.13	0.52	
	1976	103.42	105.83	4.23	4.25	2.18	0.58	
	1977	47.40	49.83	3.32	3.34	2.21	0.57	
	1978	89.99	92.38	3.33	3.36	2.11	0.54	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Gambhir Basin (Baretha)	1979	3.94	5.20	1.37	1.44	1.44	0.44	
	1980	39.39	41.91	1.74	1.91	1.79	0.48	
	1981	0.00	0.00	0.34	0.46	0.58	0.17	
	1982	99.95	102.40	2.54	2.56	1.53	0.38	
	1983	85.44	87.66	3.00	3.02	1.97	0.46	
	1984	67.23	69.90	3.40	3.44	2.27	0.60	
	1985	53.33	56.14	3.38	3.41	2.27	0.55	
	1986	0.30	0.53	1.45	1.46	1.02	0.29	
	1987	6.27	8.19	0.10	0.15	1.02	0.24	
	1988	39.47	41.91	1.75	1.91	2.09	0.57	
	1989	22.53	24.81	1.04	1.28	1.69	0.45	
	1990	38.07	40.61	1.38	1.53	2.16	0.57	
	1991	38.88	41.23	1.94	2.24	2.01	0.53	
	1992	46.56	48.86	2.60	2.90	1.99	0.50	
	1993	8.25	10.35	1.34	1.59	1.63	0.43	
	1994	66.07	68.39	2.54	2.57	2.14	0.56	
	1995	202.47	204.74	3.36	3.36	1.94	0.50	
	1996	126.55	129.25	3.38	3.41	2.36	0.60	
	1997	39.51	41.84	2.77	2.89	1.87	0.46	
	1998	72.91	75.24	3.15	3.25	2.03	0.52	
	1999	7.89	9.93	1.65	1.74	1.83	0.50	
	2000	4.46	6.22	0.14	0.21	1.60	0.47	
	2001	35.96	38.26	1.71	1.87	1.90	0.52	
	2002	13.63	15.88	0.40	0.59	1.52	0.38	
	2003	60.88	63.45	2.49	2.51	2.33	0.57	
	2004	9.33	11.41	1.56	1.64	1.75	0.48	
	2005	59.19	61.56	2.86	2.88	2.02	0.57	
	2006	29.88	32.11	2.56	2.70	1.83	0.51	
	2007	5.49	7.34	0.65	0.84	1.62	0.46	
	2008	80.42	83.23	3.27	3.29	2.37	0.64	
	2009	35.20	37.70	2.94	3.09	2.15	0.59	
	2010	27.32	29.68	1.43	1.60	1.89	0.48	
	Mean	**48.82**	**51.02**	**2.20**	**2.30**	**1.87**	**0.49**	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Gambhir Basin (Jugger)	1973	57.68	59.71	3.24	3.27	1.82	0.48	
	1974	67.59	69.73	3.61	3.62	1.82	0.49	
	1975	120.52	122.63	3.13	3.16	1.91	0.47	
	1976	85.31	87.19	4.11	4.13	1.74	0.44	
	1977	75.72	77.65	3.17	3.18	1.76	0.45	
	1978	38.51	40.37	3.09	3.11	1.52	0.39	
	1979	7.49	8.77	1.61	1.72	1.31	0.39	
	1980	41.64	43.63	2.64	2.68	1.58	0.46	
	1981	71.24	73.18	3.21	3.23	1.61	0.46	
	1982	147.97	149.83	3.07	3.09	1.60	0.42	
	1983	9.15	10.64	1.36	1.46	1.39	0.35	
	1984	5.52	6.59	0.08	0.12	0.94	0.24	
	1985	17.03	18.77	0.71	0.82	1.40	0.35	
	1986	0.33	0.44	0.00	0.00	0.52	0.15	
	1987	3.00	4.00	0.02	0.05	0.54	0.13	
	1988	2.15	3.15	0.03	0.05	0.91	0.24	
	1989	0.00	0.00	0.00	0.00	0.25	0.07	
	1990	18.02	19.96	0.54	0.68	1.05	0.25	
	1991	4.46	5.63	0.06	0.13	1.21	0.31	
	1992	16.81	18.65	0.59	0.70	1.46	0.36	
	1993	0.04	0.08	0.00	0.00	0.56	0.15	
	1994	43.81	45.76	2.38	2.40	1.20	0.30	
	1995	129.68	131.57	3.14	3.15	1.69	0.43	
	1996	89.37	91.47	3.48	3.50	1.90	0.52	
	1997	24.24	26.25	2.47	2.62	1.63	0.40	
	1998	0.66	0.78	0.83	0.98	0.69	0.19	
	1999	19.58	21.40	0.75	0.89	1.10	0.24	
	2000	9.00	10.58	0.30	0.46	1.49	0.42	
	2001	14.98	22.64	0.73	1.33	1.47	0.43	
	2002	0.00	0.14	0.00	0.05	0.37	0.11	
	2003	2.22	5.43	0.02	0.11	0.51	0.12	
	2004	6.22	7.86	0.12	0.18	0.90	0.23	
	2005	35.31	38.81	2.38	2.60	1.52	0.42	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2006	0.82	1.88	0.73	0.92	0.70	0.20	
	2007	0.49	0.87	0.01	0.02	0.38	0.10	
	2008	32.76	35.51	1.92	2.16	1.42	0.35	
	2009	5.53	7.65	0.87	1.15	1.17	0.30	
	2010	27.41	30.43	0.80	0.90	1.36	0.32	
	Mean	**32.43**	**34.20**	**1.45**	**1.54**	**1.22**	**0.32**	
Gambhir Basin (Panchana)	1973	148.54	155.21			5.97	1.47	
	1974	75.11	81.69			5.70	1.56	
	1975	453.03	460.80			6.24	1.45	
	1976	212.63	219.00	0.00	0.00	5.90	1.49	
	1977	243.54	250.76	2.93	2.94	6.39	1.55	
	1978	178.14	184.63	3.85	3.85	5.51	1.38	
	1979	0.02	0.11	2.21	2.22	1.97	0.56	
	1980	83.10	89.80	2.96	2.98	3.99	0.96	
	1981	197.86	203.91	3.74	3.73	5.48	1.38	
	1982	182.77	188.69	3.67	3.66	4.95	1.22	
	1983	173.22	180.14	3.73	3.74	5.94	1.35	
	1984	3.71	4.61	2.34	2.39	2.74	0.73	
	1985	39.85	45.61	2.31	2.65	3.78	0.82	
	1986	3.14	4.03	1.52	2.00	2.41	0.66	
	1987	0.00	0.01	0.05	0.29	0.32	0.07	
	1988	17.67	20.71	0.57	0.74	1.92	0.50	
	1989	0.00	0.00	0.00	0.05	0.83	0.23	
	1990	0.04	0.09	0.00	0.00	0.07	0.01	
	1991	0.16	0.23	0.00	0.00	0.10	0.01	
	1992	111.93	118.56	2.64	2.65	3.95	0.85	
	1993	38.63	43.56	3.71	3.72	4.76	1.20	
	1994	122.89	128.43	3.82	3.81	5.25	1.34	
	1995	371.35	377.50	3.81	3.79	5.14	1.29	
	1996	192.58	198.86	3.72	3.74	5.67	1.38	
	1997	60.53	66.43	3.50	3.52	5.14	1.17	
	1998	0.01	0.04	2.20	2.19	2.07	0.58	
	1999	9.79	11.65	0.48	0.53	1.25	0.25	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2000	21.92	25.54	0.74	0.95	3.03	0.78	
	2001	4.34	5.20	0.24	0.44	1.88	0.49	
	2002	0.00	0.00	0.00	0.00	0.27	0.06	
	2003	56.62	62.49	2.51	2.59	3.47	0.78	
	2004	74.85	80.42	3.78	3.82	4.99	1.26	
	2005	8.75	10.91	2.57	2.70	3.21	0.87	
	2006	0.43	0.70	0.62	0.74	0.89	0.21	
	2007	9.01	11.10	0.20	0.27	1.58	0.40	
	2008	77.46	84.53	3.12	3.18	5.13	1.30	
	2009	7.71	9.84	2.50	2.62	3.06	0.81	
	2010	140.30	147.04	1.85	1.91	4.62	1.07	
	Mean	**87.41**	**91.39**	**2.05**	**2.13**	**3.57**	**0.88**	
Parbati Basin (Parbati dam)	1973	46.04	78.74	3.23	4.23	37.56	0.11	
	1974	77.77	127.49	2.61	4.44	52.65	0.16	
	1975	63.91	108.24	1.40	4.54	48.19	0.12	
	1976	198.21	281.43	4.28	6.27	88.27	0.29	
	1977	126.57	195.42	5.36	5.84	73.51	0.24	
	1978	25.06	45.41	2.77	3.39	22.99	0.07	
	1979	12.94	24.90	0.45	0.91	12.71	0.05	
	1980	37.46	64.99	1.53	2.76	30.08	0.12	
	1981	31.85	55.72	1.02	1.94	28.57	0.10	
	1982	89.43	149.14	2.36	3.35	62.74	0.17	
	1983	35.93	63.02	1.35	4.26	33.35	0.11	
	1984	49.88	86.61	1.16	2.33	39.55	0.13	
	1985	29.70	52.38	0.90	1.92	24.27	0.07	
	1986	13.79	24.73	0.41	0.76	13.40	0.04	
	1987	3.97	7.81	0.05	0.10	4.89	0.01	
	1988	21.65	37.59	0.54	1.01	20.18	0.06	
	1989	10.37	23.46	0.30	0.75	11.76	0.04	
	1990	98.63	174.63	2.76	4.03	77.37	0.24	
	1991	35.75	63.12	1.17	3.93	29.30	0.08	
	1992	111.25	182.64	2.46	3.50	74.44	0.19	
	1993	38.47	67.75	2.34	5.56	32.80	0.10	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	10.11	18.88	0.22	0.72	10.97	0.03	
	1995	112.15	183.62	2.77	3.24	70.01	0.19	
	1996	76.37	131.42	3.07	5.03	61.70	0.17	
	1997	107.94	176.82	2.89	5.44	76.07	0.21	
	1998	194.78	296.33	5.54	7.62	106.63	0.31	
	1999	35.62	63.80	3.21	4.17	30.76	0.07	
	2000	49.93	85.93	1.43	2.74	38.61	0.13	
	2001	57.01	95.38	2.11	3.80	42.37	0.14	
	2002	40.26	70.73	0.78	1.89	36.15	0.10	
	2003	108.55	178.91	2.89	3.62	76.92	0.21	
	2004	20.61	38.29	1.29	3.12	20.22	0.05	
	2005	30.23	52.62	1.09	1.99	23.51	0.07	
	2006	44.14	78.92	1.44	2.75	35.56	0.10	
	2007	12.74	25.57	0.20	0.57	14.95	0.03	
	2008	170.73	278.25	5.33	5.53	106.52	0.31	
	2009	49.17	86.26	2.73	3.51	41.89	0.12	
	2010	61.05	105.17	1.62	3.29	51.47	0.13	
	Mean	**61.58**	**102.16**	**2.03**	**3.29**	**43.76**	**0.13**	
	1973	33.62	60.56	1.19	1.28	31.19	0.09	
	1974	16.55	33.26	0.97	1.54	20.59	0.06	
	1975	49.95	83.35	1.18	1.61	38.93	0.12	
	1976	50.95	81.53	1.39	1.55	38.69	0.13	
	1977	65.91	100.89	1.39	1.44	39.88	0.10	
	1978	0.59	1.01	0.35	0.37	1.07	0.00	
	1979	12.73	25.35	0.48	1.02	16.33	0.06	
	1980	21.96	44.00	0.78	1.27	30.74	0.10	
	1981	20.44	41.15	0.85	1.61	25.68	0.08	
	1982	12.34	24.53	0.34	1.00	18.31	0.04	
	1983	6.68	12.79	0.19	0.49	10.18	0.03	
	1984	2.72	4.43	0.03	0.06	4.29	0.01	
	1985	3.62	6.28	0.10	0.19	5.69	0.01	
	1986	3.97	6.51	0.13	0.22	6.33	0.02	
	1987	4.20	7.59	0.07	0.14	6.58	0.02	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Parbati Basin (Ramsagar Dam)	1988	16.62	31.24	0.55	1.08	22.25	0.06	
	1989	5.47	8.93	0.13	0.57	8.58	0.03	
	1990	28.69	53.16	0.65	0.82	30.75	0.09	
	1991	13.70	26.58	0.50	1.33	16.91	0.05	
	1992	14.94	29.16	0.29	0.80	20.45	0.05	
	1993	16.01	30.00	0.39	0.94	20.44	0.06	
	1994	7.78	14.60	0.24	0.73	12.06	0.03	
	1995	66.60	105.51	1.02	1.07	42.25	0.10	
	1996	56.69	90.98	1.23	1.34	40.30	0.09	
	1997	12.44	23.92	0.63	1.01	17.64	0.05	
	1998	18.47	34.01	0.63	1.21	25.02	0.08	
	1999	17.26	34.07	0.51	1.38	20.41	0.06	
	2000	8.42	15.71	0.26	0.86	12.86	0.04	
	2001	22.38	44.45	0.90	1.31	27.27	0.08	
	2002	7.60	12.73	0.19	0.60	11.87	0.03	
	2003	12.67	22.77	0.36	0.71	19.62	0.05	
	2004	14.27	28.69	0.37	0.86	17.42	0.04	
	2005	14.26	27.80	0.57	1.28	16.51	0.05	
	2006	8.35	16.64	0.29	0.73	12.53	0.04	
	2007	4.32	7.11	0.10	0.17	7.00	0.02	
	2008	36.46	70.41	1.40	1.47	38.82	0.10	
	2009	5.49	9.15	0.35	0.45	8.58	0.02	
	2010	11.89	20.20	0.29	0.54	18.47	0.05	
	Mean	**19.13**	**33.98**	**0.56**	**0.92**	**20.06**	**0.06**	
	1973	14.93	24.10	0.40	0.43	9.14	0.02	
	1974	9.05	14.62	0.37	0.49	5.56	0.02	
	1975	21.12	32.61	0.36	0.50	11.44	0.04	
	1976	21.77	33.45	0.48	0.51	11.62	0.04	
	1977	23.63	36.71	0.45	0.47	12.57	0.03	
	1978	0.00	0.13	0.17	0.17	0.01	0.00	
	1979	6.04	10.31	0.14	0.24	3.70	0.01	
	1980	12.86	20.92	0.26	0.36	7.88	0.03	
	1981	10.71	17.49	0.27	0.51	6.58	0.02	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Parbati Basin (Urmila Sagar)	1982	7.19	11.87	0.12	0.35	4.43	0.01	
	1983	3.69	6.11	0.06	0.14	2.27	0.01	
	1984	0.81	1.34	0.00	0.01	0.51	0.00	
	1985	1.61	2.61	0.03	0.04	0.99	0.00	
	1986	1.86	3.03	0.03	0.06	1.15	0.00	
	1987	1.81	2.95	0.01	0.03	1.12	0.00	
	1988	8.99	14.61	0.17	0.28	5.50	0.01	
	1989	2.90	4.83	0.04	0.13	1.80	0.01	
	1990	13.17	21.34	0.17	0.23	8.06	0.02	
	1991	6.76	11.14	0.13	0.42	4.14	0.01	
	1992	8.00	13.13	0.09	0.19	4.91	0.01	
	1993	8.29	13.52	0.12	0.23	5.07	0.02	
	1994	4.47	7.35	0.08	0.17	2.76	0.01	
	1995	23.24	36.23	0.30	0.31	12.87	0.03	
	1996	21.68	34.15	0.42	0.44	12.41	0.03	
	1997	6.95	11.32	0.27	0.34	4.26	0.01	
	1998	10.49	17.07	0.21	0.37	6.44	0.02	
	1999	8.26	13.61	0.14	0.43	5.07	0.02	
	2000	4.86	8.10	0.08	0.27	2.98	0.01	
	2001	11.67	18.96	0.27	0.38	7.15	0.02	
	2002	4.27	7.12	0.06	0.25	2.63	0.01	
	2003	7.82	12.74	0.13	0.23	4.81	0.01	
	2004	6.76	11.05	0.10	0.20	4.15	0.01	
	2005	6.62	10.80	0.15	0.27	4.06	0.01	
	2006	4.81	7.89	0.09	0.18	2.96	0.01	
	2007	2.03	3.37	0.03	0.05	1.27	0.00	
	2008	17.01	27.48	0.40	0.43	10.42	0.03	
	2009	2.85	4.64	0.17	0.20	1.76	0.01	
	2010	7.29	11.85	0.10	0.18	4.48	0.01	
	Mean	**8.85**	**14.22**	**0.18**	**0.28**	**5.23**	**0.01**	
	1973	4.14	6.64	1.19	1.58	2.29	0.66	
	1974	1.03	2.12	0.95	1.32	1.31	0.41	
	1975	57.58	66.04	0.99	1.18	2.94	0.72	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Sabi Basin (Bucchara dam)	1976	13.68	17.84	1.75	1.79	3.72	1.07	
	1977	138.75	144.83	1.72	1.75	4.58	1.23	
	1978	41.09	45.55	1.83	1.87	4.07	1.21	
	1979	1.22	2.30	1.48	1.57	2.10	0.65	
	1980	0.52	1.15	0.88	1.04	0.91	0.28	
	1981	1.28	2.21	0.56	0.73	1.02	0.30	
	1982	0.89	1.73	0.44	0.63	1.02	0.28	
	1983	31.98	36.79	0.47	0.70	3.34	0.92	
	1984	9.92	13.56	0.62	0.94	3.26	0.95	
	1985	6.27	9.85	0.74	1.09	3.35	1.02	
	1986	0.44	0.97	0.65	0.97	1.51	0.46	
	1987	0.23	0.71	0.40	0.64	0.65	0.20	
	1988	25.24	29.95	0.37	0.58	2.95	0.84	
	1989	7.34	10.91	0.50	0.72	3.48	1.03	
	1990	1.29	2.45	0.48	0.73	2.10	0.63	
	1991	0.94	1.72	0.40	0.63	0.97	0.27	
	1992	13.08	17.38	0.44	0.67	2.53	0.70	
	1993	25.28	30.42	0.89	1.15	4.23	1.31	
	1994	5.67	8.65	1.02	1.36	2.91	0.83	
	1995	57.44	62.64	1.31	1.66	3.39	0.98	
	1996	100.83	108.42	1.87	1.90	4.78	1.37	
	1997	12.41	18.84	1.75	1.80	4.16	1.15	
	1998	0.52	1.13	1.52	1.60	2.02	0.62	
	1999	1.24	2.33	0.91	1.05	1.18	0.35	
	2000	1.10	2.11	0.62	0.79	1.21	0.38	
	2001	0.21	0.58	0.38	0.54	0.68	0.20	
	2002	0.21	0.63	0.25	0.40	0.54	0.17	
	2003	6.79	9.43	0.27	0.42	2.24	0.60	
	2004	1.45	2.48	0.38	0.56	1.97	0.59	
	2005	44.25	49.80	0.49	0.71	3.87	1.15	
	2006	3.04	4.88	0.60	0.86	3.12	0.96	
	2007	1.83	3.23	0.51	0.77	1.79	0.54	
	2008	15.55	20.66	0.55	0.83	3.64	1.06	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	0.30	0.75	0.56	0.86	1.58	0.50	
	2010	26.54	31.20	0.55	0.86	2.88	0.77	
	Mean	**17.41**	**20.34**	**0.82**	**1.03**	**2.48**	**0.72**	-
Sabi Basin (Chittoli dam)	1973	7.82	9.07	0.55	0.68	0.82	0.22	
	1974	2.13	2.72	0.07	0.09	0.62	0.17	
	1975	24.59	25.69	0.30	0.32	0.86	0.21	
	1976	10.51	11.73	0.26	0.35	0.93	0.25	
	1977	74.40	76.28	0.85	0.86	1.05	0.26	
	1978	37.18	38.24	1.45	1.47	0.92	0.25	
	1979	2.23	2.84	0.93	0.98	0.68	0.20	
	1980	3.62	4.24	0.11	0.13	0.60	0.17	
	1981	6.72	7.52	0.15	0.17	0.78	0.21	
	1982	2.73	3.39	0.08	0.10	0.73	0.21	
	1983	43.43	44.53	0.49	0.52	0.99	0.26	
	1984	14.17	15.23	0.60	0.71	0.82	0.23	
	1985	14.20	15.57	0.39	0.45	0.89	0.24	
	1986	0.65	1.18	0.04	0.06	0.64	0.18	
	1987	1.60	2.27	0.04	0.07	0.62	0.19	
	1988	6.79	7.65	0.14	0.16	0.83	0.22	
	1989	2.81	3.44	0.06	0.07	0.66	0.18	
	1990	4.12	4.92	0.09	0.11	0.81	0.22	
	1991	2.13	2.68	0.04	0.04	0.56	0.15	
	1992	12.29	13.22	0.13	0.15	0.89	0.24	
	1993	26.75	27.80	0.25	0.28	1.00	0.29	
	1994	16.43	17.40	0.14	0.16	0.95	0.25	
	1995	49.40	50.33	0.41	0.44	0.88	0.24	
	1996	68.98	70.60	0.86	0.94	1.05	0.28	
	1997	33.68	34.93	1.23	1.26	1.03	0.25	
	1998	10.89	12.35	1.35	1.40	1.06	0.29	
	1999	4.71	5.57	0.71	0.85	0.85	0.24	
	2000	3.03	3.69	0.10	0.13	0.70	0.20	
	2001	1.78	2.44	0.06	0.08	0.63	0.17	
	2002	0.57	0.92	0.01	0.02	0.46	0.13	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	19.34	20.42	0.17	0.19	0.90	0.22	
	2004	4.07	4.90	0.06	0.08	0.84	0.23	
	2005	19.56	20.65	0.23	0.26	1.01	0.27	
	2006	3.14	3.82	0.09	0.11	0.78	0.22	
	2007	4.74	5.53	0.08	0.09	0.79	0.23	
	2008	37.24	38.38	0.37	0.41	1.05	0.28	
	2009	1.90	2.51	0.07	0.11	0.65	0.19	
	2010	10.48	11.37	0.11	0.12	0.79	0.19	
	Mean	**15.55**	**16.47**	**0.34**	**0.38**	**0.82**	**0.22**	-
Banas Basin *(Arwar Dam)	1973	12.46	53.98	2.60	2.99	19.30	5.46	63.94
	1974	21.25	43.87	5.24	6.13	22.49	8.06	21.95
	1975	0.19	0.36	1.79	3.70	8.72	3.23	0.93
	1976	19.10	42.39	2.99	3.15	16.99	5.13	145.52
	1977	4.78	11.19	4.30	4.85	16.83	6.04	7.35
	1978	21.49	44.94	1.47	3.44	16.61	5.24	25.55
	1979	2.20	2.88	1.09	4.90	13.42	5.04	5.14
	1980	0.00	0.00	0.26	0.53	5.74	2.22	2.69
	1981	3.24	5.31	0.16	0.28	4.08	1.24	4.59
	1982	6.41	15.21	0.53	1.21	9.64	3.13	8.75
	1983	8.80	43.10	2.96	3.15	22.19	6.57	62.18
	1984	2.75	4.72	3.97	4.50	17.78	6.18	8.17
	1985	4.06	7.81	0.38	1.68	9.42	3.25	5.07
	1986	9.60	23.81	0.91	2.10	11.73	4.12	12.50
	1987	15.44	34.97	0.90	2.80	13.41	4.63	15.44
	1988	6.51	16.35	0.97	3.99	16.12	5.73	13.01
	1989	0.26	0.51	0.34	2.11	9.74	3.38	5.88
	1990	56.15	67.44	4.33	4.68	24.95	8.37	80.65
	1991	36.57	60.53	5.91	6.12	26.83	9.11	44.56
	1992	0.00	0.84	4.28	6.03	20.04	7.16	13.87
	1993	7.47	16.73	1.10	4.95	13.42	5.14	7.90
	1994	41.19	82.01	4.40	4.94	25.64	8.15	124.90
	1995	4.27	11.39	3.81	6.41	17.05	6.30	9.18
	1996	17.04	41.04	3.51	6.15	22.43	7.22	47.47

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	0.26	0.48	3.30	6.09	13.85	5.23	7.32
	1998	3.93	7.87	0.46	4.16	7.93	2.87	6.05
	1999	0.00	0.00	0.00	0.11	2.72	1.05	0.00
	2000	0.25	0.36	0.40	0.67	4.82	1.75	4.94
	2001	15.60	23.01	3.91	4.89	20.94	7.55	42.10
	2002	0.00	0.00	1.76	2.75	7.65	3.00	0.00
	2003	0.01	0.03	0.00	0.00	0.45	0.15	0.02
	2004	36.99	53.00	3.60	3.73	17.40	5.57	54.05
	2005	0.27	0.90	3.66	4.19	15.52	5.61	6.02
	2006	94.27	109.23	3.85	4.31	24.01	7.64	121.61
	2007	3.24	7.64	4.31	5.50	19.72	7.46	11.70
	2008	0.73	1.29	0.08	1.67	5.90	2.23	0.75
	2009	0.00	0.00	0.15	0.26	2.70	0.97	1.92
	2010	62.26	97.96	2.98	3.16	19.56	6.12	66.35
	Mean	**13.66**	**24.56**	**2.28**	**3.48**	**14.41**	**4.93**	**27.89**
	1973	20.36	31.12	1.45	1.49	10.51	2.99	348.02
	1974	0.27	0.45	2.54	2.55	7.05	2.78	0.33
	1975	0.00	0.00	0.07	0.10	1.42	0.47	0.71
	1976	0.78	1.34	0.10	0.19	2.05	0.68	1.59
	1977	0.00	0.00	0.04	0.08	1.48	0.53	0.67
	1978	0.00	0.00	0.16	0.34	2.65	0.90	2.44
	1979	2.84	6.37	0.17	0.38	3.14	1.10	3.30
	1980	21.74	37.69	1.79	2.46	11.76	4.47	23.21
	1981	1.79	5.28	1.09	2.39	7.02	2.54	4.37
	1982	6.38	12.46	0.11	0.43	3.71	1.19	6.51
	1983	4.81	8.84	0.80	1.52	9.59	3.25	11.53
	1984	0.00	0.00	0.26	1.13	5.38	1.92	3.27
	1985	0.05	0.00	0.60	1.94	5.12	1.71	10.45
	1986	10.85	19.78	0.82	3.29	7.69	2.74	12.08
	1987	0.00	0.00	0.01	1.58	2.41	0.96	0.00
	1988	0.00	0.00	0.02	0.03	0.44	0.13	0.25
	1989	0.29	0.40	0.18	0.39	2.88	0.90	3.56
	1990	0.00	0.00	0.10	0.21	3.20	1.05	2.21

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin *(Badgaon Dam)	1991	0.00	0.00	0.26	0.58	4.02	1.38	4.23
	1992	2.93	1.54	1.97	2.03	10.29	3.24	58.09
	1993	2.52	0.28	2.38	2.74	7.47	2.83	5.03
	1994	0.25	0.37	0.16	0.59	3.53	1.17	2.87
	1995	0.76	1.39	0.08	0.14	2.15	0.82	1.10
	1996	1.03	1.89	0.06	0.11	1.63	0.53	1.31
	1997	3.81	8.13	0.20	0.45	3.48	1.16	4.11
	1998	1.94	4.00	0.06	0.14	2.94	1.00	1.97
	1999	0.00	0.00	0.00	0.00	1.10	0.43	0.00
	2000	0.00	0.00	0.00	0.00	0.03	0.00	0.00
	2001	5.79	13.24	1.02	1.99	7.31	2.55	13.50
	2002	0.33	0.47	0.04	0.85	3.07	1.18	0.48
	2003	0.00	0.00	0.02	0.03	0.55	0.18	0.24
	2004	3.79	7.86	0.25	0.55	3.35	1.08	4.36
	2005	42.11	56.98	2.35	2.34	13.87	4.63	51.61
	2006	55.18	73.77	3.50	3.51	18.15	6.19	322.32
	2007	8.08	14.52	2.96	3.79	12.64	4.75	12.13
	2008	6.04	12.04	0.87	2.38	6.80	2.43	6.35
	2009	20.06	34.96	1.68	2.97	11.33	4.17	20.91
	2010	13.35	8.74	1.22	2.74	10.89	3.56	16.47
	Mean	**6.27**	**9.58**	**0.77**	**1.28**	**5.58**	**1.94**	**25.30**
	1973	5.75	6.04	0.11	0.12	0.25	0.07	
	1974	0.00	0.00	0.00	0.00	0.10	0.04	
	1975	0.02	0.03	0.00	0.00	0.03	0.01	
	1976	0.25	0.38	0.01	0.01	0.20	0.07	
	1977	0.04	0.06	0.00	0.00	0.12	0.04	
	1978	0.40	0.54	0.01	0.02	0.23	0.08	
	1979	0.02	0.03	0.00	0.00	0.09	0.04	
	1980	0.52	0.81	0.02	0.03	0.22	0.07	
	1981	4.20	4.55	0.08	0.09	0.30	0.10	
	1982	0.02	0.03	0.00	0.00	0.12	0.05	
	1983	1.37	1.73	0.04	0.06	0.26	0.09	
	1984	0.66	0.97	0.02	0.03	0.29	0.10	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Bagolia Dam)	1985	1.10	1.38	0.02	0.03	0.25	0.08	
	1986	0.02	0.04	0.00	0.00	0.10	0.04	
	1987	0.00	0.00	0.00	0.00	0.01	0.00	
	1988	0.13	0.21	0.00	0.01	0.13	0.04	
	1989	3.88	4.19	0.08	0.08	0.24	0.07	
	1990	0.37	0.61	0.01	0.01	0.26	0.08	
	1991	0.81	1.10	0.02	0.03	0.26	0.09	
	1992	4.14	4.45	0.11	0.11	0.26	0.09	
	1993	0.10	0.16	0.00	0.01	0.17	0.06	
	1994	0.16	0.27	0.00	0.00	0.18	0.05	
	1995	0.12	0.19	0.00	0.01	0.19	0.07	
	1996	0.06	0.09	0.00	0.00	0.11	0.03	
	1997	0.02	0.03	0.00	0.00	0.05	0.02	
	1998	0.00	0.00	0.00	0.00	0.02	0.01	
	1999	0.00	0.00	0.00	0.00	0.00	0.00	
	2000	0.00	0.00	0.00	0.00	0.01	0.00	
	2001	3.64	3.95	0.13	0.14	0.22	0.08	
	2002	0.02	0.03	0.00	0.00	0.08	0.03	
	2003	0.00	0.00	0.00	0.00	0.01	0.00	
	2004	0.05	0.08	0.00	0.00	0.05	0.02	
	2005	1.20	1.55	0.02	0.03	0.23	0.08	
	2006	13.67	13.94	0.38	0.39	0.28	0.10	
	2007	0.99	1.29	0.12	0.15	0.29	0.11	
	2008	0.17	0.27	0.00	0.01	0.22	0.07	
	2009	0.34	0.49	0.01	0.02	0.26	0.09	
	2010	3.44	3.79	0.08	0.09	0.28	0.09	
	Mean	**1.25**	**1.40**	**0.03**	**0.04**	**0.17**	**0.06**	-
	1973	101.64	106.09			4.91	1.46	246.59
	1974	8.14	13.68			4.43	1.55	56.21
	1975	7.37	10.39			4.34	1.34	38.97
	1976	14.10	15.88			4.49	1.38	76.91
	1977	10.36	10.48			4.73	1.59	52.59
	1978	0.00	0.01			2.74	0.94	2.12

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin *(Bassi Dam)	1979	8.59	11.86			3.62	1.20	49.28
	1980	0.00	0.00			2.90	1.06	1.80
	1981	0.00	0.00			1.13	0.41	0.61
	1982	0.38	0.33			2.72	0.88	27.56
	1983	11.19	14.52			4.49	1.31	53.72
	1984	11.85	14.50			3.73	1.25	49.40
	1985	1.04	1.08	0.00	0.00	3.72	1.18	25.71
	1986	49.81	54.17	1.06	1.06	4.00	1.37	163.50
	1987	2.73	4.80	1.11	1.11	3.25	1.13	35.85
	1988	0.00	0.01	0.53	0.69	3.73	1.28	5.00
	1989	26.79	31.04	0.84	0.84	3.43	1.10	114.20
	1990	24.10	25.01	1.42	1.47	4.55	1.52	76.41
	1991	13.87	13.84	1.15	1.18	4.04	1.30	62.33
	1992	3.51	3.89	1.19	1.21	4.03	1.32	31.39
	1993	26.16	26.56	1.45	1.45	4.18	1.49	88.28
	1994	43.73	49.89	1.30	1.30	4.62	1.39	156.16
	1995	0.00	0.17	0.88	1.12	4.11	1.37	13.37
	1996	65.99	71.23	1.02	1.04	4.34	1.34	208.93
	1997	0.00	0.01	0.62	0.81	3.93	1.31	10.14
	1998	0.00	0.00	0.06	0.09	2.57	0.94	1.13
	1999	0.01	0.02	0.53	0.76	2.84	0.97	12.83
	2000	0.00	0.31	0.95	1.19	3.32	1.23	19.24
	2001	15.98	21.63	1.28	1.39	3.52	1.25	88.26
	2002	0.00	0.00	0.20	0.24	2.06	0.74	1.53
	2003	0.92	3.95	0.87	0.98	3.79	1.22	23.58
	2004	17.55	22.00	1.16	1.20	3.67	1.25	90.25
	2005	0.00	0.01	0.35	0.43	3.05	1.01	3.19
	2006	41.55	44.07	1.02	1.04	4.11	1.31	123.81
	2007	0.00	0.39	1.15	1.38	3.94	1.41	16.74
	2008	3.03	3.76	0.93	1.11	4.02	1.34	25.69
	2009	0.30	3.15	1.13	1.30	4.43	1.52	19.09
	2010	14.83	18.23	0.95	1.11	4.18	1.36	72.36
	Mean	**13.83**	**15.71**	**0.89**	**0.98**	**3.73**	**1.24**	**56.44**

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin *(Bhupal sagar Dam)	1973	78.68	97.89	1.23	1.34	10.57	2.82	86.48
	1974	4.25	9.05	2.05	2.40	9.26	3.40	4.42
	1975	0.58	1.27	0.19	0.88	3.46	1.18	1.35
	1976	4.54	10.24	0.44	0.88	4.50	1.43	5.92
	1977	2.75	6.18	0.24	0.98	4.18	1.47	2.76
	1978	7.21	14.62	0.56	1.13	5.40	1.76	7.45
	1979	0.89	1.48	0.10	0.94	3.13	1.12	1.13
	1980	3.89	8.43	0.41	0.83	3.90	1.36	4.48
	1981	0.46	0.81	0.03	0.12	1.77	0.64	0.61
	1982	0.84	1.82	0.11	0.22	1.80	0.59	1.49
	1983	2.04	5.35	0.18	0.43	2.92	0.89	3.00
	1984	10.92	20.77	0.93	1.64	7.34	2.28	11.11
	1985	4.37	9.55	0.52	1.92	5.58	1.90	4.57
	1986	6.14	12.59	0.59	1.66	5.55	1.88	6.88
	1987	0.16	0.27	0.01	0.66	1.94	0.74	0.16
	1988	2.59	5.65	0.15	0.34	1.98	0.58	2.93
	1989	49.01	66.11	1.48	1.53	10.41	3.28	49.01
	1990	4.78	10.04	1.58	1.91	8.42	2.90	5.27
	1991	31.32	47.89	1.66	2.17	11.36	3.71	32.01
	1992	27.34	43.99	2.50	2.48	13.75	4.49	27.67
	1993	0.00	0.00	1.28	1.28	5.21	2.02	0.00
	1994	4.84	10.54	0.37	0.80	4.07	1.19	5.01
	1995	6.26	12.62	0.55	1.33	5.49	1.88	6.44
	1996	13.19	24.19	0.97	1.69	7.73	2.37	14.31
	1997	1.01	1.87	0.77	1.43	5.06	1.78	1.24
	1998	0.34	0.58	0.03	0.06	1.31	0.47	0.35
	1999	0.58	0.97	0.05	0.08	0.81	0.27	0.62
	2000	1.26	2.33	0.12	0.22	1.59	0.56	1.44
	2001	3.92	9.21	0.44	1.03	4.15	1.40	4.82
	2002	0.41	0.68	0.03	0.07	1.78	0.65	0.44
	2003	0.04	0.09	0.00	0.01	0.29	0.09	0.07
	2004	7.11	14.80	0.64	1.36	4.76	1.46	7.88
	2005	19.86	34.68	1.73	2.42	10.56	3.42	20.49

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2006	15.44	29.01	2.49	2.51	12.36	4.23	25.10
	2007	4.68	9.84	1.79	2.50	8.96	3.29	6.46
	2008	0.02	0.05	0.01	0.70	2.19	0.81	0.02
	2009	0.00	0.00	0.00	0.01	0.17	0.05	0.06
	2010	2.56	5.65	0.17	0.37	2.28	0.65	2.86
	Mean	**8.53**	**13.98**	**0.69**	**1.11**	**5.16**	**1.71**	**9.38**
Banas Basin *(Bisalpur Dam)	1973	926.88	1256.82			230.39	66.97	4980.40
	1974	119.84	286.38			232.75	81.85	591.47
	1975	3.75	105.08			165.99	51.71	446.90
	1976	657.15	1003.83			243.44	76.09	1648.85
	1977	124.43	311.97			255.53	87.90	600.23
	1978	5.17	31.20			136.13	45.49	458.86
	1979	85.80	208.31			151.36	51.67	485.82
	1980	3.60	15.90			96.26	35.64	249.41
	1981	0.00	0.00			31.55	10.66	38.53
	1982	32.85	150.04			104.00	32.54	514.84
	1983	182.94	483.92			226.07	68.63	1082.97
	1984	49.69	173.73			173.15	60.45	629.43
	1985	5.43	9.15			98.12	33.29	303.27
	1986	433.38	615.61			169.56	56.66	1236.64
	1987	28.66	50.77			115.52	41.48	307.24
	1988	0.39	15.34			84.62	29.26	128.14
	1989	340.96	584.75			151.01	47.49	1263.37
	1990	71.33	272.91			206.41	68.90	976.30
	1991	157.16	361.39			191.72	63.99	860.39
	1992	214.47	360.68			197.74	65.21	1619.43
	1993	48.93	154.12			169.00	61.41	410.59
	1994	225.97	473.35			202.22	63.38	1288.31
	1995	1.58	10.94			143.59	51.18	244.87
	1996	539.77	880.25			236.48	72.75	1766.45
	1997	2.23	94.25			204.30	69.33	331.33
	1998	3.80	6.23	0.00	0.00	77.34	28.28	24.68
	1999	0.38	64.23	5.96	12.72	94.36	30.60	195.58

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2000	74.85	191.56	8.50	24.14	151.27	54.44	243.43
	2001	150.19	399.77	34.21	50.11	207.35	71.24	987.14
	2002	1.75	2.82	46.90	56.14	72.75	27.62	15.56
	2003	1.26	21.76	17.91	27.94	44.19	13.58	211.32
	2004	538.98	904.97	32.84	42.76	192.40	61.49	1633.89
	2005	0.49	0.66	66.22	68.72	141.62	50.00	497.11
	2006	383.14	711.42	66.89	69.04	192.53	61.96	2902.63
	2007	0.09	0.14	68.63	74.43	137.94	52.53	319.60
	2008	0.11	0.25	43.71	58.09	54.12	18.50	107.94
	2009	0.00	0.00	18.87	38.72	35.89	12.74	50.20
	2010	0.60	70.19	12.41	30.83	80.80	24.84	551.78
	Mean	**142.58**	**270.65**	**32.54**	**42.59**	**149.99**	**50.05**	**794.86**
Banas Basin (Chandra Bhaga Dam)	1973	51.19	57.73	0.01	0.01	3.89	1.06	
	1974	0.02	0.05	0.01	0.01	2.15	0.81	
	1975	17.37	25.35	0.01	0.01	5.26	1.50	
	1976	26.52	33.02	0.01	0.01	6.25	2.02	
	1977	1.20	1.97	0.01	0.01	3.28	1.16	
	1978	1.74	2.88	0.01	0.01	2.24	0.72	
	1979	31.12	38.83	0.01	0.01	5.06	1.70	
	1980	0.63	1.04	0.01	0.01	2.45	0.95	
	1981	0.38	0.64	0.01	0.01	0.69	0.24	
	1982	26.14	33.21	0.01	0.01	3.57	1.10	
	1983	11.61	18.02	0.01	0.01	5.44	1.74	
	1984	0.09	0.18	0.01	0.01	1.97	0.75	
	1985	0.36	0.61	0.01	0.01	0.49	0.16	
	1986	4.13	7.04	0.01	0.01	3.11	0.99	
	1987	0.04	0.07	0.01	0.01	1.43	0.55	
	1988	8.68	14.21	0.01	0.01	4.04	1.29	
	1989	1.29	2.12	0.01	0.01	2.79	0.96	
	1990	3.69	6.80	0.01	0.01	3.69	1.13	
	1991	2.59	4.41	0.01	0.01	3.75	1.25	
	1992	5.32	9.31	0.01	0.01	4.10	1.29	
	1993	2.22	3.77	0.01	0.01	3.74	1.36	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	15.67	23.23	0.01	0.01	5.15	1.56	
	1995	25.07	32.27	0.01	0.01	5.97	2.05	
	1996	1.38	2.28	0.01	0.01	3.06	1.07	
	1997	1.63	2.74	0.01	0.01	2.34	0.83	
	1998	8.71	15.02	0.01	0.01	5.02	1.60	
	1999	3.25	5.85	0.01	0.01	4.61	1.65	
	2000	0.13	0.23	0.01	0.01	1.17	0.44	
	2001	9.58	15.22	0.01	0.01	4.47	1.39	
	2002	0.04	0.08	0.01	0.01	1.84	0.71	
	2003	0.36	0.62	0.01	0.01	0.49	0.15	
	2004	0.37	0.63	0.01	0.01	0.50	0.16	
	2005	6.29	10.44	0.01	0.01	3.57	1.07	
	2006	61.35	68.32	0.01	0.01	5.46	1.76	
	2007	26.88	34.48	0.01	0.01	6.49	2.26	
	2008	1.80	3.08	0.01	0.01	3.40	1.16	
	2009	0.12	0.22	0.01	0.01	0.96	0.36	
	2010	5.33	9.24	0.01	0.01	3.32	0.93	
	Mean	**9.59**	**12.77**	**0.01**	**0.01**	**3.35**	**1.10**	-
	1973	70.85	86.16	3.57	3.64	6.76	1.80	
	1974	44.65	58.13	5.86	6.26	11.38	3.76	
	1975	65.41	79.07	4.31	4.74	10.85	3.12	
	1976	31.59	44.08	5.28	5.79	11.13	3.56	
	1977	79.65	92.87	6.18	6.52	11.81	3.76	
	1978	12.09	21.04	2.58	4.33	9.14	2.89	
	1979	44.95	58.59	4.71	5.00	9.44	3.08	
	1980	11.20	20.50	2.16	3.86	8.25	2.78	
	1981	61.63	76.01	4.91	5.09	9.90	3.17	
	1982	18.65	30.19	3.15	4.35	9.14	2.85	
	1983	36.58	54.79	4.16	5.15	10.54	3.23	
	1984	0.44	5.26	0.84	1.60	5.26	1.92	
	1985	11.29	39.99	1.95	4.28	4.82	1.46	
	1986	17.80	45.33	2.98	4.80	7.76	2.49	
	1987	0.55	2.75	0.08	0.64	4.24	1.54	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Chandsen Bheru Dam)	1988	0.61	1.02	0.10	0.17	1.11	0.36	
	1989	0.80	1.30	0.13	0.20	0.92	0.30	
	1990	0.31	0.52	0.05	0.07	0.67	0.21	
	1991	17.37	28.29	2.77	2.98	4.66	1.38	
	1992	47.16	64.30	3.89	4.21	8.06	2.49	
	1993	0.26	0.50	0.29	0.60	4.17	1.47	
	1994	2.25	5.15	0.37	0.82	2.23	0.65	
	1995	35.77	59.51	4.46	4.94	7.23	2.14	
	1996	82.65	98.91	5.11	5.49	11.16	3.40	
	1997	35.56	47.65	4.95	5.38	10.89	3.33	
	1998	21.36	34.38	3.88	5.24	10.00	3.25	
	1999	7.95	22.57	1.44	4.13	7.68	2.52	
	2000	0.27	0.47	0.05	0.11	2.72	0.97	
	2001	0.57	0.95	0.13	0.21	0.86	0.28	
	2002	0.00	0.00	0.00	0.00	0.19	0.06	
	2003	1.26	2.15	0.25	0.42	1.31	0.37	
	2004	2.22	5.11	0.38	0.85	2.14	0.68	
	2005	0.78	1.30	0.11	0.18	1.64	0.53	
	2006	0.00	0.00	0.00	0.00	0.47	0.16	
	2007	1.17	2.09	0.28	0.50	1.21	0.42	
	2008	3.95	8.76	0.82	1.80	3.16	0.99	
	2009	1.15	1.95	0.23	0.38	2.19	0.76	
	2010	16.90	26.23	2.67	2.77	4.98	1.44	
	Mean	**20.73**	**29.68**	**2.24**	**2.83**	**5.79**	**1.83**	-
	1973	65.05	94.89	5.28	5.49	13.40	4.07	
	1974	317.23	360.32	8.06	8.17	24.40	8.03	
	1975	291.55	328.34	7.80	7.98	25.39	7.76	
	1976	3.94	8.90	7.00	7.30	15.13	5.16	
	1977	116.60	150.72	6.25	6.72	18.10	5.35	
	1978	0.20	0.54	6.49	6.57	11.21	3.96	
	1979	2.81	4.92	3.62	3.81	3.96	1.28	
	1980	3.88	8.01	2.35	2.85	4.70	1.60	
	1981	57.49	80.68	4.36	4.74	13.31	4.14	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Chhaparwada dam)	1982	2.70	5.50	5.67	5.77	8.74	2.91	
	1983	76.84	101.73	5.53	5.78	14.37	4.39	
	1984	0.00	0.00	6.03	6.15	6.69	2.47	
	1985	2.22	3.97	3.23	3.41	2.74	0.86	
	1986	1.19	2.21	1.73	2.02	2.87	0.98	
	1987	0.00	0.00	0.91	1.12	0.69	0.24	
	1988	0.00	0.01	0.37	0.46	0.09	0.03	
	1989	0.83	1.64	0.22	0.34	1.38	0.45	
	1990	0.25	0.50	0.15	0.27	0.87	0.27	
	1991	2.03	3.68	0.22	0.40	2.20	0.65	
	1992	34.92	58.03	2.35	3.74	12.84	3.82	
	1993	10.33	21.75	4.51	7.29	13.94	4.78	
	1994	11.46	23.97	3.62	6.49	10.78	3.41	
	1995	56.30	78.15	5.24	6.94	14.97	4.73	
	1996	44.39	65.96	7.43	7.52	20.15	6.51	
	1997	7.52	17.24	5.82	6.35	12.34	3.92	
	1998	9.93	21.34	4.53	6.27	10.29	3.53	
	1999	0.36	0.68	2.98	4.64	3.70	1.32	
	2000	0.01	0.03	1.44	2.33	0.49	0.17	
	2001	4.15	8.25	0.97	1.70	4.36	1.45	
	2002	0.00	0.00	0.70	1.32	1.62	0.59	
	2003	2.09	3.59	0.47	0.88	2.37	0.77	
	2004	8.12	19.78	0.88	1.85	6.46	2.01	
	2005	2.14	3.77	1.18	2.61	5.87	2.04	
	2006	0.00	0.00	0.62	1.39	1.18	0.39	
	2007	0.10	0.28	0.31	0.74	0.46	0.15	
	2008	9.58	22.03	0.85	1.86	7.60	2.30	
	2009	0.52	0.97	1.10	2.47	4.48	1.63	
	2010	50.72	73.36	2.38	3.16	12.10	3.28	
	Mean	**31.51**	**41.47**	**3.23**	**3.92**	**8.32**	**2.67**	-
	1973	165.41	191.31	3.49	3.67	15.34	4.23	
	1974	160.53	182.94	5.93	5.93	21.92	6.99	
	1975	161.27	189.90	5.38	5.37	23.93	6.57	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Dheel dam)	1976	144.58	173.36	6.22	6.22	25.39	7.53	
	1977	100.08	128.95	6.65	6.65	26.56	8.01	
	1978	32.47	52.64	6.38	6.44	22.72	7.10	
	1979	52.01	74.41	5.90	5.94	19.25	6.40	
	1980	1.12	2.34	3.28	3.38	6.96	2.36	
	1981	255.58	281.76	4.01	4.10	15.58	4.85	
	1982	71.53	94.93	5.14	5.17	18.84	5.63	
	1983	129.07	154.11	5.73	5.75	23.50	7.11	
	1984	1.09	2.41	3.72	3.80	9.35	3.09	
	1985	3.46	7.11	1.39	1.88	3.91	1.19	
	1986	28.01	48.39	3.44	3.89	12.24	3.78	
	1987	0.46	0.84	3.29	3.36	5.86	1.98	
	1988	0.44	1.09	0.89	1.02	1.37	0.41	
	1989	2.53	5.16	0.47	0.81	2.48	0.74	
	1990	8.60	18.35	1.29	2.64	7.16	2.11	
	1991	14.30	27.23	2.42	4.56	9.98	2.95	
	1992	18.28	33.50	3.55	5.45	12.31	3.58	
	1993	14.89	27.48	4.01	5.51	11.51	3.67	
	1994	66.11	90.13	4.72	5.35	17.58	5.11	
	1995	29.92	49.52	5.45	5.55	17.99	5.54	
	1996	145.62	167.97	5.25	5.32	20.19	5.69	
	1997	21.69	38.08	5.09	5.13	16.85	4.88	
	1998	80.49	109.28	6.15	6.16	22.30	6.98	
	1999	25.31	43.75	5.70	5.75	18.48	5.85	
	2000	4.31	9.08	3.58	4.18	9.11	3.05	
	2001	2.22	4.57	1.43	2.18	4.04	1.28	
	2002	0.00	0.00	0.47	0.83	0.84	0.27	
	2003	35.18	57.27	3.37	3.69	13.33	3.73	
	2004	7.48	15.30	4.03	4.76	11.09	3.48	
	2005	5.47	11.26	2.27	3.68	6.63	2.03	
	2006	0.27	0.50	1.01	1.91	2.60	0.82	
	2007	0.15	0.35	0.27	0.56	0.68	0.21	
	2008	24.42	44.34	2.93	3.98	11.93	3.56	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	1.61	3.52	2.74	3.75	7.23	2.40	
	2010	12.04	24.05	1.67	2.91	7.04	2.04	
	Mean	**48.10**	**62.29**	**3.65**	**4.14**	**12.74**	**3.87**	-
Banas Basin (Dindoli dam)	1973	22.99	25.17	0.69	0.72	0.86	0.26	
	1974	2.45	3.21	1.01	1.08	0.79	0.28	
	1975	1.73	2.60	0.24	0.41	0.72	0.22	
	1976	4.69	5.75	0.37	0.47	0.87	0.28	
	1977	7.87	10.25	0.91	1.06	0.91	0.30	
	1978	2.77	3.64	0.89	0.97	0.80	0.27	
	1979	6.42	7.21	0.68	0.86	0.70	0.25	
	1980	0.80	1.29	0.51	0.70	0.54	0.20	
	1981	0.20	0.32	0.02	0.03	0.18	0.07	
	1982	7.39	8.17	0.61	0.62	0.48	0.15	
	1983	3.33	4.12	0.79	0.87	0.72	0.22	
	1984	3.23	4.03	0.46	0.65	0.75	0.24	
	1985	0.70	1.14	0.07	0.22	0.46	0.15	
	1986	2.23	3.06	0.20	0.29	0.59	0.20	
	1987	0.10	0.16	0.01	0.02	0.25	0.09	
	1988	1.43	2.27	0.13	0.22	0.53	0.16	
	1989	4.78	5.61	0.43	0.51	0.75	0.25	
	1990	3.19	3.99	0.43	0.61	0.71	0.22	
	1991	1.27	2.04	0.11	0.32	0.70	0.23	
	1992	1.23	1.98	0.10	0.16	0.65	0.21	
	1993	0.00	0.01	0.00	0.00	0.23	0.09	
	1994	2.40	3.26	0.22	0.32	0.60	0.17	
	1995	3.54	4.36	0.35	0.44	0.74	0.24	
	1996	6.99	7.79	0.60	0.72	0.76	0.24	
	1997	1.07	1.72	0.51	0.63	0.60	0.20	
	1998	0.18	0.29	0.01	0.01	0.27	0.09	
	1999	3.37	4.20	0.32	0.41	0.54	0.17	
	2000	0.81	1.32	0.08	0.17	0.51	0.18	
	2001	3.26	4.11	0.31	0.41	0.63	0.21	
	2002	0.21	0.33	0.01	0.05	0.28	0.10	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	2.51	3.45	0.21	0.30	0.58	0.17	
	2004	4.30	5.01	0.40	0.48	0.70	0.23	
	2005	2.84	3.76	0.30	0.49	0.73	0.24	
	2006	3.93	4.65	0.36	0.51	0.73	0.23	
	2007	1.18	1.91	0.16	0.36	0.68	0.24	
	2008	0.39	0.63	0.05	0.07	0.35	0.13	
	2009	0.69	1.11	0.06	0.10	0.30	0.10	
	2010	0.79	1.28	0.07	0.11	0.41	0.13	
	Mean	**3.09**	**3.82**	**0.33**	**0.43**	**0.60**	**0.19**	-
Banas Basin (Galwa bund)	1973	168.92	181.04	7.64	7.66	11.14	3.66	
	1974	127.89	142.39	7.86	7.88	12.04	3.90	
	1975	187.74	199.93	7.58	7.57	13.12	4.00	
	1976	55.08	69.52	7.77	7.91	12.09	3.90	
	1977	188.73	203.68	8.20	8.36	14.02	4.66	
	1978	70.26	83.05	7.77	7.80	12.14	3.87	
	1979	65.44	81.16	9.17	9.17	13.69	5.02	
	1980	16.41	25.37	7.10	7.74	8.67	3.07	
	1981	105.92	120.00	6.79	7.43	9.80	3.20	
	1982	28.17	39.56	7.38	7.47	9.28	3.05	
	1983	41.73	52.86	7.14	7.19	9.58	3.04	
	1984	6.44	10.52	6.37	6.55	5.68	1.98	
	1985	9.59	15.65	4.08	4.89	4.91	1.55	
	1986	15.69	24.71	3.67	5.09	6.48	2.14	
	1987	8.43	13.79	3.50	5.20	4.74	1.63	
	1988	1.06	1.86	2.38	3.73	2.25	0.80	
	1989	0.69	1.17	1.10	1.81	0.54	0.17	
	1990	13.37	21.65	1.59	2.55	4.81	1.51	
	1991	57.57	70.49	4.79	5.63	9.22	2.93	
	1992	38.75	49.92	7.40	7.41	9.83	3.16	
	1993	19.00	29.04	6.82	7.29	8.73	2.93	
	1994	73.69	85.96	6.73	7.20	10.40	3.20	
	1995	32.85	44.27	7.38	7.43	10.07	3.26	
	1996	17.69	26.94	6.66	7.15	8.40	2.67	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	25.19	36.15	6.35	7.39	10.01	3.19	
	1998	8.99	14.73	5.83	6.80	6.89	2.42	
	1999	65.93	77.89	6.07	6.69	8.69	2.73	
	2000	77.69	89.08	7.55	7.55	10.30	3.49	
	2001	65.23	78.65	7.51	7.49	10.71	3.57	
	2002	2.33	3.86	5.64	5.72	3.93	1.44	
	2003	5.50	9.03	3.04	3.40	2.26	0.68	
	2004	58.11	69.92	4.82	5.16	7.36	2.29	
	2005	25.33	37.77	7.34	7.67	10.50	3.47	
	2006	36.73	47.72	7.01	7.24	9.77	3.22	
	2007	70.35	84.93	8.17	8.15	11.51	4.07	
	2008	4.68	7.84	5.76	5.95	5.53	1.86	
	2009	4.90	8.13	3.69	4.27	2.92	1.02	
	2010	21.87	32.46	2.90	3.85	6.62	1.94	
	Mean	**48.00**	**57.70**	**6.01**	**6.46**	**8.38**	**2.75**	-
	1973	1212.20	1233.68	6.32	6.32	18.88	5.56	
	1974	78.21	95.20	7.18	7.28	16.86	5.71	
	1975	112.52	131.69	6.23	6.46	17.37	5.52	
	1976	134.06	156.28	5.91	5.95	16.37	5.12	
	1977	105.18	120.90	8.37	8.30	19.55	6.60	
	1978	164.33	182.89	6.40	6.72	16.67	5.60	
	1979	91.20	110.15	6.39	6.40	15.20	5.12	
	1980	146.58	166.68	7.87	8.24	19.49	7.01	
	1981	31.09	46.49	4.67	5.68	13.62	4.55	
	1982	150.11	166.95	4.30	5.63	15.37	5.08	
	1983	211.40	230.69	6.33	6.53	18.17	5.60	
	1984	249.89	267.35	6.69	6.93	17.80	5.91	
	1985	47.50	63.38	5.59	5.82	13.76	4.53	
	1986	256.86	273.38	6.12	6.39	14.94	5.04	
	1987	177.76	194.88	5.57	5.53	12.78	4.32	
	1988	3.26	6.48	2.45	2.62	8.45	3.01	
	1989	270.30	287.81	4.15	4.17	12.06	3.70	
	1990	245.41	262.13	5.76	5.75	16.14	4.84	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Gambhiri Dam)	1991	182.81	199.67	6.44	6.41	16.04	5.18	
	1992	508.84	527.57	6.12	6.06	15.73	4.89	
	1993	91.59	110.74	7.07	7.05	16.71	5.72	
	1994	122.99	141.00	6.36	6.58	17.49	5.52	
	1995	11.37	22.53	3.28	4.11	12.98	4.42	
	1996	256.92	274.79	4.23	4.22	14.88	4.31	
	1997	14.91	27.70	3.17	3.94	13.19	4.13	
	1998	14.56	25.50	0.84	1.64	11.75	3.77	
	1999	70.40	87.21	4.73	4.77	14.00	4.56	
	2000	24.63	40.70	3.61	5.14	13.57	4.87	
	2001	136.64	154.38	5.70	5.77	14.73	4.89	
	2002	2.25	3.96	1.53	1.65	6.31	2.24	
	2003	139.56	159.10	4.10	4.18	11.64	3.51	
	2004	163.07	178.98	6.36	6.36	15.77	5.17	
	2005	93.07	112.03	6.13	6.47	16.00	5.22	
	2006	484.31	499.61	6.29	6.28	17.36	5.40	
	2007	117.05	133.61	7.36	7.40	15.75	5.66	
	2008	109.90	127.63	5.83	5.97	15.39	4.86	
	2009	42.75	59.65	5.58	6.60	15.82	5.34	
	2010	175.69	191.84	4.25	5.12	14.98	4.57	
	Mean	**169.77**	**186.19**	**5.40**	**5.70**	**15.09**	**4.92**	-
	1973	924.69	1036.26	8.44	9.53	62.36	17.28	1430.48
	1974	119.09	165.55	10.44	10.49	55.93	19.64	176.80
	1975	52.79	86.80	10.14	10.30	41.14	13.35	78.45
	1976	253.53	323.34	10.38	10.44	53.30	16.52	312.56
	1977	69.04	113.59	11.16	11.18	55.28	19.04	86.38
	1978	95.73	151.56	10.54	10.57	53.25	17.54	134.36
	1979	58.59	100.78	10.36	10.44	44.76	15.23	73.87
	1980	80.36	125.89	11.59	11.76	53.39	18.88	140.16
	1981	15.03	28.84	9.70	10.62	29.36	10.47	25.55
	1982	24.00	45.16	7.58	10.07	24.91	7.95	30.37
	1983	122.58	173.96	7.96	10.28	52.27	15.24	161.91
	1984	81.61	149.28	10.31	10.47	62.03	20.65	141.49

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin *(Gosunda dam)	1985	45.18	59.14	10.43	10.50	45.89	15.44	78.88
	1986	122.78	183.45	10.24	10.27	57.72	19.47	166.89
	1987	37.66	63.00	10.01	10.01	36.97	13.25	56.26
	1988	45.97	85.97	10.01	10.25	37.58	12.56	50.06
	1989	277.86	359.89	9.93	10.03	53.70	17.29	319.46
	1990	132.76	194.10	9.85	9.95	59.39	19.21	176.08
	1991	199.49	289.43	10.39	10.37	66.18	22.11	231.18
	1992	165.53	267.29	10.07	10.06	68.17	22.27	279.53
	1993	3.23	14.84	9.60	10.32	38.83	14.12	29.35
	1994	25.47	66.21	8.21	9.24	37.67	11.24	68.97
	1995	31.64	67.35	9.95	10.41	41.04	14.14	36.10
	1996	189.66	277.06	9.39	9.91	58.03	17.73	255.83
	1997	24.91	44.61	9.42	9.87	45.42	15.42	36.50
	1998	5.09	11.99	7.66	8.74	20.30	6.98	8.20
	1999	10.52	21.47	4.98	6.87	15.35	5.17	12.63
	2000	7.17	18.81	3.61	6.36	15.68	5.59	14.98
	2001	111.93	150.75	6.75	8.27	38.92	12.86	170.65
	2002	5.80	10.91	8.17	8.40	17.59	6.42	6.17
	2003	2.72	6.25	4.58	5.25	6.96	2.29	5.39
	2004	129.11	189.05	5.94	6.62	42.77	13.29	182.42
	2005	78.64	174.39	10.21	10.27	64.47	21.30	152.40
	2006	368.90	466.18	9.96	9.98	71.14	23.61	798.58
	2007	16.87	42.16	10.10	10.92	51.69	18.90	34.02
	2008	19.36	38.65	8.96	9.86	33.57	11.17	56.64
	2009	42.40	63.31	10.24	10.40	31.13	10.79	65.33
	2010	40.24	49.59	8.71	8.79	26.79	8.50	58.82
	Mean	**106.26**	**150.44**	**9.10**	**9.69**	**43.97**	**14.55**	**161.68**
	1973	81.54	83.92	0.64	0.65	1.82	0.51	104.06
	1974	4.77	6.17	0.39	0.50	2.02	0.67	4.87
	1975	57.94	60.30	0.64	0.65	2.22	0.63	84.23
	1976	6.57	7.82	0.38	0.46	1.88	0.58	6.74
	1977	59.26	61.46	0.70	0.71	2.35	0.66	104.56
	1978	31.22	33.53	0.73	0.73	2.36	0.71	59.75

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin *(Hingoniya dam)	1979	17.02	18.26	0.64	0.65	2.02	0.70	18.78
	1980	0.14	0.25	0.18	0.25	1.46	0.50	2.21
	1981	89.19	91.44	0.68	0.68	1.81	0.56	119.56
	1982	1.44	2.21	0.10	0.15	1.42	0.45	1.45
	1983	36.21	38.57	0.71	0.73	1.98	0.69	63.88
	1984	0.04	0.04	0.47	0.48	0.47	0.16	17.34
	1985	34.33	36.28	0.69	0.69	1.66	0.48	93.25
	1986	16.51	18.54	0.66	0.66	2.04	0.69	16.51
	1987	0.01	0.03	0.00	0.00	0.73	0.27	0.01
	1988	0.00	0.00	0.00	0.00	0.24	0.07	0.00
	1989	0.03	0.04	0.55	0.55	0.38	0.11	30.38
	1990	0.08	0.10	0.28	0.40	1.24	0.34	3.71
	1991	0.15	0.94	0.42	0.50	1.52	0.46	6.95
	1992	32.70	35.27	0.65	0.65	2.13	0.65	58.68
	1993	0.01	0.03	0.09	0.14	1.60	0.54	1.00
	1994	0.86	1.37	0.28	0.38	1.70	0.50	4.38
	1995	54.30	55.65	0.61	0.61	1.92	0.60	69.40
	1996	24.31	27.87	0.58	0.61	2.29	0.71	45.55
	1997	1.28	1.73	0.07	0.10	1.47	0.43	1.81
	1998	29.12	30.28	0.83	0.83	2.10	0.69	38.21
	1999	9.42	10.58	0.60	0.60	1.81	0.57	11.65
	2000	0.00	0.03	0.00	0.01	0.76	0.26	0.03
	2001	0.10	0.25	0.02	0.04	0.50	0.14	0.21
	2002	0.00	0.00	0.00	0.00	0.14	0.02	0.00
	2003	0.00	0.00	0.01	0.02	0.44	0.12	0.14
	2004	53.50	56.20	0.63	0.63	1.65	0.48	53.53
	2005	3.99	5.30	0.36	0.48	1.97	0.68	4.01
	2006	0.00	0.00	0.00	0.00	0.52	0.16	0.00
	2007	1.14	1.67	0.07	0.10	0.81	0.24	1.14
	2008	0.01	0.04	0.00	0.01	0.71	0.22	0.01
	2009	0.00	0.00	0.00	0.00	0.19	0.04	0.00
	2010	0.00	0.00	0.41	0.50	1.24	0.35	6.53
	Mean	**17.03**	**18.06**	**0.37**	**0.40**	**1.41**	**0.44**	**27.22**

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Jetpura dam)	1973	56.80	59.01			1.81	0.54	
	1974	35.33	36.90			1.73	0.60	
	1975	8.69	10.26			1.49	0.44	
	1976	37.80	40.14			1.71	0.51	
	1977	20.70	22.26			2.10	0.67	
	1978	22.58	24.22	0.65	0.67	1.53	0.49	
	1979	29.02	30.52	2.05	2.05	1.42	0.45	
	1980	5.95	7.32	1.91	1.97	1.35	0.45	
	1981	6.48	7.84	1.83	1.95	1.20	0.41	
	1982	30.94	32.77	1.87	1.95	1.48	0.46	
	1983	15.06	16.65	1.89	1.91	1.68	0.50	
	1984	27.85	29.43	2.03	2.04	1.43	0.45	
	1985	12.44	14.12	1.96	1.97	1.45	0.45	
	1986	76.35	78.77	2.02	2.02	1.64	0.52	
	1987	21.38	22.79	2.04	2.05	1.30	0.44	
	1988	7.46	9.27	1.92	1.96	1.60	0.51	
	1989	29.73	31.31	1.96	2.00	1.52	0.50	
	1990	36.37	38.16	2.07	2.07	1.66	0.51	
	1991	40.14	42.27	2.02	2.03	1.57	0.49	
	1992	58.34	60.52	2.10	2.10	1.73	0.53	
	1993	35.93	37.30	2.08	2.09	1.64	0.57	
	1994	107.36	109.65	1.94	1.94	1.75	0.51	
	1995	30.80	32.75	2.14	2.14	1.80	0.58	
	1996	54.06	56.01	2.04	2.04	1.79	0.55	
	1997	15.84	17.40	1.96	1.96	1.62	0.51	
	1998	2.01	3.37	1.75	1.81	1.22	0.40	
	1999	13.93	15.35	1.72	1.79	1.35	0.42	
	2000	20.98	22.36	2.03	2.03	1.29	0.46	
	2001	28.42	29.96	1.96	1.95	1.32	0.43	
	2002	10.33	11.72	1.93	1.93	1.08	0.36	
	2003	32.01	33.80	1.95	1.95	1.59	0.48	
	2004	40.80	42.13	2.00	2.00	1.34	0.44	
	2005	11.65	13.38	1.90	1.92	1.43	0.45	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2006	32.67	34.20	1.88	1.88	1.53	0.46	
	2007	34.45	35.90	2.13	2.14	1.50	0.51	
	2008	9.93	11.78	1.93	1.96	1.59	0.53	
	2009	9.23	10.52	1.98	1.97	1.28	0.42	
	2010	24.91	26.45	1.64	1.64	1.33	0.39	
	Mean	**28.81**	**30.49**	**1.92**	**1.94**	**1.52**	**0.48**	-
Banas Basin (Kalakh bund)	1973	22.52	23.67	0.00	0.00	0.93	0.26	
	1974	0.11	0.20	0.01	0.01	0.63	0.18	
	1975	26.42	27.71	0.00	0.00	1.09	0.30	
	1976	0.84	1.30	0.01	0.01	0.95	0.28	
	1977	45.31	46.39	0.01	0.01	1.09	0.29	
	1978	28.53	29.63	0.01	0.01	1.06	0.30	
	1979	3.38	4.33	0.01	0.01	1.09	0.35	
	1980	11.02	12.09	0.00	0.00	0.92	0.29	
	1981	30.37	31.36	0.00	0.01	1.01	0.29	
	1982	0.01	0.02	0.00	0.00	0.44	0.12	
	1983	27.93	29.02	0.00	0.00	0.95	0.26	
	1984	31.70	32.77	0.01	0.01	1.01	0.29	
	1985	71.83	73.02	0.01	0.01	1.27	0.37	
	1986	6.10	7.03	0.01	0.01	1.12	0.38	
	1987	0.02	0.03	0.00	0.00	0.26	0.06	
	1988	0.00	0.00	0.00	0.00	0.12	0.02	
	1989	51.17	52.37	0.00	0.00	0.87	0.26	
	1990	16.47	17.48	0.01	0.01	1.11	0.34	
	1991	15.72	16.77	0.01	0.01	0.88	0.23	
	1992	25.99	27.17	0.01	0.01	1.15	0.32	
	1993	5.77	6.74	0.01	0.01	1.07	0.33	
	1994	6.39	7.43	0.00	0.00	0.94	0.26	
	1995	15.15	16.14	0.00	0.00	1.01	0.28	
	1996	34.93	36.21	0.01	0.01	1.35	0.39	
	1997	0.80	1.32	0.00	0.00	0.93	0.25	
	1998	9.18	10.51	0.00	0.00	1.12	0.33	
	1999	2.23	3.02	0.00	0.00	0.96	0.29	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2000	0.06	0.10	0.00	0.00	0.38	0.10	
	2001	0.12	0.16	0.00	0.00	0.25	0.06	
	2002	0.00	0.00	0.00	0.00	0.11	0.02	
	2003	10.15	11.16	0.00	0.00	0.76	0.20	
	2004	0.03	0.04	0.00	0.00	0.34	0.08	
	2005	0.02	0.03	0.00	0.00	0.15	0.02	
	2006	0.01	0.02	0.00	0.00	0.10	0.01	
	2007	0.00	0.01	0.00	0.00	0.12	0.03	
	2008	0.05	0.06	0.00	0.00	0.16	0.03	
	2009	0.03	0.04	0.00	0.00	0.14	0.02	
	2010	12.65	13.81	0.00	0.00	0.89	0.24	
	Mean	**13.50**	**14.19**	**0.00**	**0.00**	**0.75**	**0.21**	-
Banas Basin (Kalisil dam)	1973	0.00	0.02	3.92	3.94	1.84	0.62	
	1974	79.01	82.23	3.29	3.30	2.32	0.67	
	1975	0.00	0.00	3.34	3.33	0.85	0.27	
	1976	58.72	62.63	3.01	3.05	2.83	0.83	
	1977	215.97	223.73	4.12	4.12	4.55	1.18	
	1978	59.70	64.20	4.23	4.24	4.27	1.25	
	1979	11.02	14.22	4.28	4.37	3.47	1.16	
	1980	41.47	45.00	3.97	4.08	3.05	0.93	
	1981	108.59	111.66	4.14	4.13	3.11	0.96	
	1982	34.54	37.71	3.95	3.95	2.93	0.88	
	1983	39.90	43.62	3.91	3.92	3.48	0.98	
	1984	13.56	17.23	4.17	4.26	3.25	1.02	
	1985	44.86	48.29	4.02	4.11	3.15	0.96	
	1986	68.90	72.97	4.14	4.14	3.52	1.08	
	1987	2.85	4.25	3.82	3.86	2.07	0.66	
	1988	75.58	79.00	3.76	3.84	3.34	0.99	
	1989	0.45	0.98	3.39	3.41	1.45	0.47	
	1990	1.33	1.97	2.14	2.20	0.68	0.19	
	1991	34.01	37.54	2.74	2.81	2.33	0.67	
	1992	84.69	88.51	4.08	4.07	3.77	1.06	
	1993	35.76	39.53	4.35	4.35	4.03	1.27	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	17.80	21.40	4.02	4.05	3.56	1.03	
	1995	218.08	222.25	4.22	4.29	4.35	1.30	
	1996	78.34	81.87	4.08	4.11	3.61	1.04	
	1997	22.20	25.67	3.90	3.93	3.35	0.95	
	1998	29.71	33.57	4.22	4.22	3.58	1.10	
	1999	23.63	27.66	4.11	4.14	3.64	1.03	
	2000	33.51	36.73	4.31	4.31	3.40	1.12	
	2001	33.06	36.43	3.98	3.99	3.05	0.95	
	2002	0.61	1.09	3.32	3.35	1.16	0.39	
	2003	51.45	55.52	3.31	3.35	2.98	0.80	
	2004	24.63	27.71	4.14	4.13	3.11	0.95	
	2005	81.49	84.69	4.16	4.15	3.07	0.98	
	2006	10.39	13.79	3.60	3.74	2.92	0.90	
	2007	10.90	14.29	3.49	3.87	2.78	0.88	
	2008	75.52	79.11	3.73	3.93	3.50	1.05	
	2009	3.77	5.14	3.59	3.64	1.98	0.61	
	2010	13.73	17.38	2.60	2.80	2.75	0.77	
	Mean	**45.78**	**48.94**	**3.78**	**3.83**	**2.98**	**0.89**	-
	1973	60.61	97.61	1.27	2.26	20.70	6.47	
	1974	3.60	7.07	2.86	3.04	16.25	6.24	
	1975	40.23	75.23	1.77	2.31	20.88	6.09	
	1976	35.01	64.03	3.69	3.81	26.50	9.17	
	1977	0.00	0.00	2.57	2.58	8.34	3.30	
	1978	11.34	24.16	0.64	1.22	9.86	3.46	
	1979	65.71	104.44	2.17	2.97	23.78	8.70	
	1980	9.26	20.34	2.91	3.54	16.76	6.49	
	1981	12.20	26.63	1.45	3.15	12.70	4.61	
	1982	71.47	110.76	1.92	3.46	23.19	7.92	
	1983	61.05	95.78	3.53	3.60	29.22	10.06	
	1984	4.92	9.35	2.67	2.84	14.67	5.39	
	1985	8.46	18.48	1.06	2.09	10.55	4.24	
	1986	17.06	35.99	0.81	2.41	12.71	4.54	
	1987	0.00	0.00	0.23	2.37	5.28	2.08	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Khari dam)	1988	30.94	60.59	1.68	2.23	15.70	5.46	
	1989	2.67	4.62	1.51	2.36	9.90	3.60	
	1990	4.20	8.75	0.20	0.75	6.63	2.20	
	1991	9.56	20.73	0.46	1.07	9.92	3.41	
	1992	104.72	144.98	1.73	2.26	21.57	6.69	
	1993	1.81	3.11	2.52	2.59	13.90	5.43	
	1994	67.44	108.62	2.42	2.56	25.25	7.74	
	1995	25.52	51.24	3.70	3.74	23.87	8.77	
	1996	25.85	51.49	3.22	3.38	19.62	6.47	
	1997	32.40	59.79	3.43	3.55	22.03	7.58	
	1998	2.91	4.95	2.40	2.48	10.77	3.94	
	1999	37.04	69.86	2.25	2.53	18.10	6.33	
	2000	3.28	5.48	2.27	2.55	10.80	4.25	
	2001	17.54	39.04	1.12	2.65	14.34	5.00	
	2002	0.10	0.23	0.20	2.16	5.15	2.01	
	2003	3.03	5.62	0.08	0.28	3.90	1.49	
	2004	3.15	5.48	0.13	0.22	4.15	1.40	
	2005	46.42	80.97	1.50	1.63	15.79	4.76	
	2006	69.25	103.88	3.52	3.53	28.14	9.70	
	2007	15.73	34.63	3.52	4.07	21.40	8.52	
	2008	1.01	1.86	1.35	2.10	5.70	2.10	
	2009	1.74	2.93	0.09	0.17	2.56	0.93	
	2010	11.71	25.23	0.44	0.91	9.78	2.93	
	Mean	**24.18**	**41.68**	**1.82**	**2.41**	**15.01**	**5.25**	-
	1973	91.77	94.17			18.91	5.72	149.26
	1974	54.55	75.28			18.56	6.55	57.43
	1975	29.34	33.90			19.40	5.82	55.03
	1976	43.92	58.21			18.15	5.76	68.53
	1977	112.79	131.18			21.03	7.07	120.18
	1978	33.74	40.24			19.32	6.27	52.61
	1979	11.46	17.83			15.05	5.44	20.34
	1980	0.85	1.84			6.55	2.56	0.90
	1981	1.45	4.18			3.75	1.25	2.08

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin *(Kothari dam)	1982	101.87	123.07			13.54	4.21	106.03
	1983	79.25	92.40			18.77	6.03	127.05
	1984	57.75	77.89			17.42	5.87	59.17
	1985	10.93	21.74			12.30	4.23	11.21
	1986	37.00	55.93			14.54	4.96	42.29
	1987	9.82	19.65			11.08	3.96	11.78
	1988	44.36	66.65	0.00	0.00	15.97	5.67	45.18
	1989	69.23	92.60	2.10	2.20	17.50	5.95	82.90
	1990	72.38	90.45	4.74	4.78	19.25	6.35	81.73
	1991	100.49	121.61	4.62	4.62	18.79	6.33	108.85
	1992	113.18	132.25	4.55	4.56	18.24	6.10	118.55
	1993	0.85	2.16	3.27	3.40	8.34	3.15	1.07
	1994	132.07	157.69	3.59	3.67	16.48	5.02	153.48
	1995	20.51	17.26	4.66	4.66	18.12	6.26	46.96
	1996	109.81	128.26	4.44	4.45	18.17	5.93	126.24
	1997	44.83	55.50	4.44	4.44	17.67	5.92	63.57
	1998	0.00	0.00	3.25	3.32	7.81	2.88	1.14
	1999	38.18	55.62	3.48	3.63	12.58	4.25	44.87
	2000	3.84	7.25	4.59	4.67	13.50	5.02	16.51
	2001	31.60	39.71	4.56	4.59	16.62	5.73	54.67
	2002	1.11	3.05	3.17	3.32	7.49	2.82	1.16
	2003	0.56	2.46	1.55	2.07	4.00	1.31	2.08
	2004	129.41	152.69	2.83	3.18	12.55	4.04	145.72
	2005	2.74	7.12	3.38	3.67	9.16	3.23	3.49
	2006	160.75	178.64	3.65	4.07	16.16	5.17	183.53
	2007	1.69	5.66	3.90	4.52	11.02	4.19	5.14
	2008	12.09	25.25	2.84	4.21	9.50	3.35	12.80
	2009	0.05	0.62	2.37	3.48	5.81	2.20	0.54
	2010	6.35	14.57	1.36	2.39	6.20	1.82	8.84
	Mean	**46.65**	**58.01**	**3.36**	**3.65**	**13.93**	**4.69**	**57.71**
	1973	22.11	38.19			20.51	6.13	
	1974	12.35	21.75			25.09	8.90	
	1975	20.36	36.58			28.31	8.47	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Lassadia dam)	1976	24.52	45.31			35.04	11.17	
	1977	26.21	47.66			40.73	13.51	
	1978	5.71	10.66			21.32	7.28	
	1979	37.19	64.56	0.00	0.00	37.07	12.89	
	1980	7.15	12.62	0.42	0.66	22.71	8.28	
	1981	0.00	0.00	0.72	1.13	4.53	1.64	
	1982	1.16	2.53	0.43	0.73	3.05	1.01	
	1983	40.50	70.26	0.84	1.02	36.35	10.87	
	1984	0.92	2.18	1.21	1.27	22.52	8.41	
	1985	1.87	3.93	0.85	1.07	5.89	2.03	
	1986	2.23	4.46	0.68	1.04	5.32	1.75	
	1987	0.00	0.01	0.53	0.90	1.88	0.66	
	1988	1.57	3.17	0.42	0.76	3.14	1.10	
	1989	8.91	15.37	0.73	0.97	9.44	2.96	
	1990	118.43	234.62	1.38	1.44	73.88	23.15	
	1991	34.25	76.08	1.44	1.46	69.77	24.16	
	1992	29.38	52.78	1.44	1.46	47.04	15.51	
	1993	16.40	29.35	1.46	1.48	35.96	13.07	
	1994	59.19	136.00	1.41	1.44	57.98	18.55	
	1995	34.69	62.47	1.44	1.45	57.37	19.77	
	1996	129.19	248.67	1.40	1.42	76.99	24.00	
	1997	45.22	93.18	1.41	1.44	69.88	22.97	
	1998	12.01	23.56	1.36	1.39	36.34	12.24	
	1999	15.11	29.46	1.50	1.53	28.59	9.81	
	2000	16.48	29.45	1.46	1.47	26.26	9.28	
	2001	18.52	32.76	1.40	1.41	29.71	10.07	
	2002	0.00	0.00	1.08	1.09	9.26	3.45	
	2003	13.02	22.95	1.06	1.11	15.45	4.64	
	2004	11.84	21.01	1.40	1.45	19.15	6.49	
	2005	33.92	69.68	1.30	1.31	27.19	7.83	
	2006	8.13	14.89	1.37	1.38	31.23	10.84	
	2007	14.28	25.74	1.54	1.55	22.38	7.94	
	2008	8.29	15.75	1.37	1.39	17.13	5.50	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	0.00	0.06	1.14	1.15	6.87	2.54	
	2010	62.74	130.53	0.92	0.93	47.72	13.34	
	Mean	**23.52**	**45.48**	**1.10**	**1.20**	**29.71**	**9.80**	-
Banas Basin (Mandal dam)	1973	10.91	18.44	0.92	1.03	3.84	1.08	
	1974	2.88	5.58	1.21	1.28	3.61	1.32	
	1975	5.46	9.73	1.06	1.16	3.21	0.97	
	1976	6.00	10.55	1.19	1.23	3.77	1.22	
	1977	4.48	8.11	1.19	1.22	3.75	1.25	
	1978	0.55	1.10	1.07	1.12	1.66	0.59	
	1979	4.91	8.96	1.00	1.14	2.44	0.82	
	1980	0.06	0.10	0.94	1.10	1.08	0.42	
	1981	0.37	0.62	0.64	0.76	0.38	0.13	
	1982	3.83	7.31	0.58	0.79	1.88	0.61	
	1983	8.86	15.18	0.84	1.09	4.13	1.30	
	1984	1.18	2.55	1.12	1.18	2.70	0.97	
	1985	0.37	0.62	0.84	0.97	0.87	0.31	
	1986	5.29	9.65	0.76	0.96	2.31	0.77	
	1987	1.99	4.09	0.92	1.25	2.10	0.76	
	1988	0.83	1.69	0.75	1.11	1.34	0.48	
	1989	13.12	20.94	0.84	1.05	4.01	1.26	
	1990	5.38	9.64	1.26	1.28	4.72	1.60	
	1991	7.94	13.64	1.26	1.27	4.57	1.54	
	1992	3.96	7.25	1.17	1.22	3.36	1.13	
	1993	0.22	0.38	1.01	1.08	1.23	0.46	
	1994	19.16	27.82	1.02	1.05	5.46	1.61	
	1995	2.13	4.35	1.18	1.25	3.51	1.30	
	1996	10.96	18.17	1.14	1.22	4.44	1.40	
	1997	4.59	8.27	1.20	1.23	4.25	1.46	
	1998	0.05	0.09	1.04	1.06	1.27	0.48	
	1999	1.13	2.42	0.78	0.85	0.96	0.33	
	2000	0.79	1.67	0.63	0.78	1.05	0.39	
	2001	8.19	14.29	0.78	0.96	3.43	1.14	
	2002	0.05	0.09	0.94	1.07	1.61	0.62	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	1.56	3.23	0.70	0.87	1.35	0.45	
	2004	13.10	20.81	0.91	1.03	4.22	1.35	
	2005	0.58	1.14	1.09	1.10	2.62	0.96	
	2006	14.66	22.38	1.01	1.04	4.54	1.43	
	2007	0.88	1.88	1.17	1.22	2.99	1.17	
	2008	0.71	1.50	0.82	0.93	1.04	0.36	
	2009	0.52	1.08	0.64	0.78	0.73	0.27	
	2010	2.50	5.10	0.44	0.61	1.49	0.44	
	Mean	**4.48**	**7.64**	**0.95**	**1.06**	**2.68**	**0.90**	-
Banas Basin *(Mashi dam)	1973	448.74	628.62	5.03	5.65	88.76	24.54	617.85
	1974	730.63	899.10	7.52	7.65	138.96	46.93	1052.49
	1975	1100.11	1302.96	6.90	7.02	145.24	43.01	1475.80
	1976	137.97	225.18	7.42	7.51	113.98	37.75	148.55
	1977	677.93	849.82	6.92	6.95	119.84	35.98	898.05
	1978	53.93	129.10	6.90	7.01	95.24	31.33	113.60
	1979	83.63	132.53	6.50	6.55	62.17	20.59	105.12
	1980	125.57	205.98	6.49	6.48	60.24	19.70	131.67
	1981	603.29	742.30	6.72	6.77	91.81	30.60	780.31
	1982	77.43	108.02	6.39	6.50	59.16	19.56	81.57
	1983	314.72	470.45	6.18	6.20	90.99	25.99	455.07
	1984	0.00	0.00	6.02	6.22	47.49	17.70	6.55
	1985	13.21	27.20	5.59	5.77	19.73	6.10	99.40
	1986	3.92	18.89	6.06	6.36	21.67	7.06	21.45
	1987	0.00	0.02	4.48	4.79	6.92	2.44	0.00
	1988	23.57	47.49	3.50	4.63	12.52	3.68	23.57
	1989	19.45	43.29	5.18	6.30	21.24	6.84	50.08
	1990	0.00	0.04	4.65	4.80	13.75	4.51	1.58
	1991	3.41	12.34	3.22	4.09	12.16	3.71	8.96
	1992	93.16	183.89	4.71	5.64	60.33	17.31	186.72
	1993	27.25	65.38	6.52	6.55	64.74	21.71	38.57
	1994	28.74	61.48	5.83	5.90	49.04	14.51	44.58
	1995	250.49	392.49	6.43	6.46	81.56	24.85	376.14
	1996	285.42	407.60	6.70	6.70	109.71	33.78	375.24

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	60.73	101.42	6.38	6.47	75.26	24.37	69.13
	1998	23.81	70.77	6.58	6.62	56.93	18.57	71.90
	1999	25.78	51.42	6.77	6.84	33.27	11.30	37.79
	2000	4.99	8.81	4.88	5.16	14.43	4.94	5.03
	2001	0.00	0.00	3.07	3.67	8.45	2.86	2.72
	2002	0.00	0.00	1.58	2.03	2.17	0.72	0.00
	2003	3.67	8.32	1.10	1.70	8.86	2.39	5.90
	2004	130.12	224.01	3.92	4.49	51.93	16.14	190.53
	2005	9.15	20.07	5.98	6.77	44.63	15.49	12.29
	2006	0.01	0.04	3.85	5.11	10.36	3.60	0.02
	2007	0.00	0.00	2.07	2.81	1.60	0.51	0.00
	2008	19.65	39.25	2.89	4.43	21.36	6.81	27.19
	2009	3.14	6.69	3.35	5.27	15.34	5.33	3.65
	2010	178.11	289.77	3.58	4.44	53.94	15.83	231.20
	Mean	**146.36**	**204.60**	**5.21**	**5.64**	**52.26**	**16.55**	**203.95**
	1973	7.81	10.42	0.18	0.24	1.64	0.47	
	1974	0.17	0.27	0.12	0.35	0.93	0.35	
	1975	1.01	1.63	0.02	0.04	1.07	0.27	
	1976	1.38	2.23	0.03	0.06	1.59	0.47	
	1977	0.02	0.03	0.00	0.00	0.60	0.23	
	1978	0.23	0.38	0.01	0.01	0.25	0.08	
	1979	0.24	0.40	0.01	0.01	0.31	0.10	
	1980	0.60	0.97	0.02	0.04	0.66	0.24	
	1981	0.15	0.25	0.00	0.00	0.31	0.10	
	1982	0.69	1.11	0.02	0.03	0.68	0.19	
	1983	3.13	4.98	0.10	0.16	2.02	0.62	
	1984	0.19	0.31	0.00	0.01	0.89	0.33	
	1985	0.20	0.32	0.01	0.01	0.29	0.09	
	1986	0.75	1.21	0.02	0.04	0.78	0.23	
	1987	0.00	0.00	0.00	0.00	0.27	0.10	
	1988	0.77	1.26	0.03	0.04	0.73	0.24	
	1989	0.00	0.00	0.00	0.00	0.29	0.11	
	1990	0.49	0.80	0.01	0.02	0.48	0.12	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Mata ji ka khera)	1991	0.69	1.11	0.02	0.04	0.85	0.28	
	1992	0.33	0.53	0.01	0.02	0.55	0.19	
	1993	0.01	0.02	0.00	0.00	0.13	0.05	
	1994	0.17	0.28	0.01	0.01	0.20	0.06	
	1995	0.18	0.29	0.01	0.01	0.21	0.07	
	1996	1.12	1.80	0.03	0.05	1.12	0.31	
	1997	0.26	0.43	0.01	0.01	0.74	0.27	
	1998	0.18	0.30	0.00	0.00	0.27	0.09	
	1999	0.06	0.10	0.00	0.00	0.17	0.06	
	2000	0.18	0.30	0.01	0.01	0.20	0.07	
	2001	0.93	1.51	0.04	0.06	0.97	0.33	
	2002	0.03	0.06	0.00	0.00	0.32	0.12	
	2003	0.64	1.05	0.02	0.04	0.65	0.20	
	2004	0.77	1.25	0.02	0.04	0.87	0.30	
	2005	0.63	1.02	0.02	0.03	0.88	0.29	
	2006	9.86	12.53	0.33	0.39	1.73	0.53	
	2007	1.79	3.23	0.29	0.48	2.11	0.74	
	2008	0.00	0.00	0.00	0.00	0.60	0.23	
	2009	0.69	1.13	0.02	0.04	0.67	0.22	
	2010	0.37	0.61	0.01	0.02	0.60	0.20	
	Mean	**0.97**	**1.42**	**0.04**	**0.06**	**0.73**	**0.24**	-
	1973	67.75	117.69			30.97	8.34	584.10
	1974	0.00	0.00			22.12	8.54	0.00
	1975	0.81	2.33			6.39	1.92	94.08
	1976	0.00	0.00			8.23	2.63	33.95
	1977	0.00	0.23			8.54	3.01	3.73
	1978	0.00	0.00			6.11	2.09	55.19
	1979	0.00	0.00			5.46	1.92	44.53
	1980	0.06	0.32			5.02	1.80	8.42
	1981	0.00	0.00			2.69	0.88	21.30
	1982	0.12	0.09			5.88	1.86	30.39
	1983	1.63	6.63			11.73	3.84	65.54
	1984	0.00	0.00			4.75	1.72	16.61

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin *(Maitrikundiya pick up weir)	1985	0.00	0.00			2.70	0.84	136.60
	1986	0.00	0.00			3.47	1.16	5.00
	1987	0.00	0.00			1.44	0.52	0.00
	1988	0.00	0.00			6.50	2.11	24.08
	1989	0.47	4.80			7.93	2.59	11.84
	1990	0.00	0.00	0.00	0.00	6.29	1.99	47.54
	1991	0.17	4.04	0.00	0.00	8.92	2.84	50.68
	1992	1.15	3.66	0.01	0.01	7.79	2.49	200.40
	1993	0.00	0.00	0.01	0.01	3.99	1.41	54.99
	1994	0.00	1.67	0.01	0.01	5.57	1.62	91.81
	1995	0.00	0.00	0.01	0.01	4.38	1.53	28.95
	1996	0.43	3.42	0.01	0.01	10.26	3.13	29.99
	1997	0.00	0.00	0.01	0.01	5.56	1.96	13.57
	1998	0.00	0.00	0.01	0.01	2.26	0.69	6.68
	1999	0.00	0.00	0.01	0.01	1.94	0.62	2.52
	2000	0.00	0.00	0.01	0.01	1.10	0.35	0.01
	2001	15.70	31.09	0.01	0.01	9.91	3.22	101.50
	2002	0.00	0.00	0.01	0.01	3.88	1.43	0.00
	2003	0.00	0.00	0.01	0.01	1.40	0.42	18.33
	2004	1.37	2.35	0.01	0.01	3.77	1.19	2.25
	2005	43.26	64.72	0.01	0.01	15.81	4.73	231.46
	2006	1.67	29.74	0.01	0.01	29.64	9.96	581.37
	2007	0.00	0.00	0.01	0.01	21.20	7.90	52.68
	2008	0.00	0.00	0.01	0.01	4.69	1.65	0.97
	2009	0.00	0.00	0.01	0.01	4.03	1.30	11.28
	2010	6.61	11.96	0.01	0.01	9.75	2.75	142.37
	Mean	**3.72**	**7.49**	**0.01**	**0.01**	**7.95**	**2.60**	**73.81**
	1973	46.58	101.01	3.35	5.96	30.37	8.65	
	1974	0.00	0.00	5.87	9.54	18.31	6.95	
	1975	20.23	38.02	3.99	6.77	20.67	6.17	
	1976	53.14	116.81	6.32	9.63	43.13	14.03	
	1977	2.92	5.25	7.87	9.87	22.54	8.42	
	1978	18.32	34.27	5.51	7.64	19.83	6.59	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Meja)	1979	15.73	31.13	5.59	9.01	22.84	8.33	
	1980	0.00	0.00	3.91	6.83	6.90	2.70	
	1981	0.39	0.96	1.93	3.54	1.50	0.52	
	1982	0.34	0.92	0.96	1.87	2.05	0.73	
	1983	57.83	124.71	3.78	5.73	35.44	11.54	
	1984	0.24	0.54	6.54	9.47	18.99	7.43	
	1985	0.11	0.34	3.42	5.12	2.02	0.80	
	1986	0.00	0.00	1.68	2.60	0.18	0.06	
	1987	0.00	0.00	0.72	1.16	0.03	0.01	
	1988	0.00	0.00	0.32	0.53	0.02	0.01	
	1989	0.58	1.20	0.15	0.28	1.28	0.42	
	1990	3.96	7.40	0.45	0.83	6.22	2.07	
	1991	0.43	1.00	0.52	0.97	3.38	1.20	
	1992	1.41	2.79	0.36	0.71	2.81	0.88	
	1993	0.00	0.00	0.26	0.53	1.06	0.39	
	1994	2.26	4.18	0.32	0.60	3.72	1.24	
	1995	24.32	47.75	2.15	3.97	21.77	7.46	
	1996	5.48	9.58	2.96	5.59	15.14	5.33	
	1997	14.73	29.11	2.77	5.25	15.61	4.89	
	1998	10.24	18.04	3.07	5.86	15.35	5.16	
	1999	5.57	9.47	2.93	5.42	12.37	4.66	
	2000	13.15	22.50	2.87	5.11	14.82	5.68	
	2001	14.89	29.20	3.27	5.88	19.97	7.04	
	2002	0.00	0.02	2.64	5.02	6.56	2.56	
	2003	2.01	3.74	1.39	2.73	3.54	1.21	
	2004	3.25	5.78	1.03	2.01	4.45	1.50	
	2005	0.17	0.45	0.70	1.37	2.41	0.81	
	2006	8.13	13.58	0.89	1.58	7.36	2.43	
	2007	2.57	4.60	1.35	2.32	6.72	2.68	
	2008	0.00	0.00	0.71	1.26	1.02	0.37	
	2009	0.00	0.00	0.30	0.57	0.15	0.04	
	2010	0.00	0.00	0.10	0.21	0.09	0.02	
	Mean	**8.66**	**17.48**	**2.45**	**4.04**	**10.81**	**3.71**	-

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Mora sagar)	1973	10.22	14.01	0.61	0.88	3.42	1.05	
	1974	11.84	15.81	0.74	0.99	3.50	1.07	
	1975	29.24	32.96	0.89	0.96	3.76	0.97	
	1976	16.10	19.86	1.02	1.18	3.62	1.12	
	1977	11.45	15.52	0.67	0.94	3.63	0.99	
	1978	29.12	32.92	1.02	1.09	3.70	1.13	
	1979	2.66	4.80	0.20	0.33	2.46	0.81	
	1980	5.44	8.58	0.34	0.53	2.44	0.80	
	1981	51.35	55.03	1.20	1.20	3.01	0.98	
	1982	18.24	22.03	1.05	1.11	3.27	1.04	
	1983	15.35	19.33	0.84	1.01	3.78	1.02	
	1984	4.32	7.04	0.21	0.46	2.87	0.87	
	1985	8.75	12.48	0.45	0.65	3.03	0.86	
	1986	2.37	4.40	0.10	0.18	2.33	0.72	
	1987	1.34	2.68	0.05	0.10	1.36	0.46	
	1988	18.14	22.13	1.20	1.24	2.85	0.90	
	1989	1.12	2.34	0.05	0.09	1.67	0.55	
	1990	1.15	2.25	0.06	0.12	1.07	0.37	
	1991	5.57	8.95	0.25	0.40	1.99	0.57	
	1992	18.55	22.49	0.99	1.04	3.41	0.97	
	1993	3.42	5.91	0.19	0.34	2.66	0.83	
	1994	11.32	15.28	0.67	0.93	3.05	0.95	
	1995	74.18	77.42	1.10	1.13	3.62	1.07	
	1996	6.63	9.76	0.31	0.47	2.94	0.90	
	1997	0.94	1.98	0.02	0.04	1.56	0.51	
	1998	11.77	16.42	0.62	0.94	3.03	0.88	
	1999	4.95	7.91	0.26	0.43	2.94	0.97	
	2000	3.38	6.21	0.22	0.39	2.43	0.83	
	2001	0.82	1.75	0.03	0.05	1.27	0.43	
	2002	0.67	1.39	0.02	0.03	0.76	0.26	
	2003	4.69	8.01	0.28	0.47	2.05	0.65	
	2004	4.06	6.78	0.19	0.31	2.27	0.73	
	2005	4.85	8.04	0.30	0.49	2.63	0.86	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2006	2.95	5.34	0.16	0.28	2.24	0.71	
	2007	2.56	5.17	0.15	0.27	1.91	0.63	
	2008	1.38	2.76	0.09	0.17	1.45	0.46	
	2009	2.15	4.02	0.11	0.21	1.45	0.44	
	2010	2.61	4.74	0.13	0.23	1.76	0.53	
	Mean	**10.67**	**13.54**	**0.44**	**0.57**	**2.56**	**0.79**	-
Banas Basin (Morel Bund)	1973	310.42	396.66	5.26	5.32	75.05	22.47	
	1974	414.63	484.72	5.46	5.45	69.68	22.31	
	1975	301.51	380.34	4.64	4.64	72.34	19.35	
	1976	49.27	92.56	4.74	4.99	62.09	18.25	
	1977	76.78	120.60	5.85	5.91	46.20	15.19	
	1978	546.82	625.09	5.23	5.26	67.73	19.95	
	1979	31.97	71.77	4.32	4.99	50.99	16.10	
	1980	29.96	74.72	3.17	5.21	41.98	13.67	
	1981	2225.32	2314.53	3.59	5.05	57.41	17.37	
	1982	64.31	120.92	4.81	4.94	55.32	16.68	
	1983	358.15	434.77	4.57	4.64	67.81	18.42	
	1984	95.45	158.69	4.95	5.00	58.47	17.85	
	1985	176.42	248.98	5.35	5.39	64.44	19.46	
	1986	17.94	40.86	3.95	4.86	44.44	14.21	
	1987	0.02	0.15	0.90	2.52	14.07	4.74	
	1988	17.44	36.65	0.56	1.27	23.88	6.92	
	1989	45.01	64.62	1.52	2.31	24.68	7.80	
	1990	23.76	54.33	1.60	4.19	35.82	10.57	
	1991	10.70	29.78	0.28	3.68	26.46	8.16	
	1992	269.97	350.54	2.92	3.95	55.23	15.40	
	1993	204.76	277.21	5.42	5.44	70.34	22.48	
	1994	78.60	138.12	4.70	4.77	55.63	16.56	
	1995	467.69	536.71	4.97	4.99	64.66	18.89	
	1996	383.69	456.14	4.86	5.03	69.54	20.47	
	1997	11.52	32.35	3.36	3.92	44.87	13.20	
	1998	282.33	377.40	4.08	4.97	68.66	21.65	
	1999	60.18	109.34	5.26	5.28	58.85	18.77	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2000	11.93	25.56	3.50	4.05	30.34	10.08	
	2001	6.01	11.37	0.41	1.58	17.36	5.54	
	2002	0.00	0.01	0.00	0.00	5.89	1.93	
	2003	41.87	91.10	1.45	2.83	37.27	9.02	
	2004	12.44	26.02	0.83	4.26	25.15	8.37	
	2005	23.75	53.89	0.83	3.24	30.09	9.74	
	2006	86.99	150.96	2.71	4.34	47.50	14.30	
	2007	71.72	126.41	5.17	5.33	53.05	16.98	
	2008	7.21	16.27	3.31	3.68	35.01	10.95	
	2009	4.89	9.07	0.24	1.10	15.58	5.14	
	2010	376.57	457.87	2.12	2.19	49.68	12.90	
	Mean	**189.42**	**236.76**	**3.34**	**4.12**	**47.20**	**14.26**	-
Banas Basin (Moti sagar)	1973	67.62	75.75	2.39	2.53	5.50	1.69	
	1974	69.10	76.60	3.26	3.29	6.16	2.05	
	1975	56.09	63.99	2.70	2.82	6.13	1.85	
	1976	114.60	121.97	3.06	3.06	6.23	1.99	
	1977	61.83	68.96	3.36	3.34	6.42	2.11	
	1978	12.82	19.85	2.36	2.96	5.67	1.85	
	1979	33.43	40.99	2.43	3.05	4.99	1.71	
	1980	14.43	22.82	2.09	2.88	4.90	1.66	
	1981	35.26	43.26	2.26	2.88	4.89	1.65	
	1982	2.43	4.55	0.33	0.90	2.72	0.95	
	1983	38.85	44.24	1.70	1.69	3.52	1.01	
	1984	39.52	45.04	2.26	2.29	4.57	1.60	
	1985	2.04	4.07	0.26	0.48	2.46	0.85	
	1986	2.44	4.53	0.32	0.60	1.88	0.63	
	1987	0.51	1.13	0.05	0.12	0.97	0.34	
	1988	23.35	29.67	2.56	2.66	4.08	1.29	
	1989	8.95	13.85	1.18	1.86	3.99	1.38	
	1990	20.39	25.82	2.22	2.34	4.66	1.56	
	1991	41.95	47.71	2.34	2.32	4.75	1.58	
	1992	37.38	43.01	2.09	2.09	4.49	1.51	
	1993	4.50	7.93	0.67	1.11	3.48	1.23	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	22.03	27.54	1.98	2.03	3.85	1.27	
	1995	42.00	47.33	2.19	2.23	4.70	1.52	
	1996	7.37	11.82	0.92	1.52	4.16	1.31	
	1997	0.73	1.58	0.10	0.21	2.06	0.75	
	1998	28.08	34.81	2.70	2.73	3.94	1.31	
	1999	11.42	16.53	1.70	2.16	4.36	1.52	
	2000	17.26	23.04	2.47	2.62	4.61	1.65	
	2001	6.42	10.74	1.07	1.79	4.00	1.44	
	2002	0.04	0.08	0.01	0.01	1.08	0.42	
	2003	31.31	37.89	2.35	2.36	3.91	1.08	
	2004	7.23	11.88	1.00	1.59	3.97	1.39	
	2005	1.49	3.06	0.16	0.34	2.31	0.81	
	2006	6.92	11.35	0.92	1.56	2.96	0.92	
	2007	3.09	5.68	0.43	0.79	2.53	0.95	
	2008	1.97	3.85	0.27	0.52	1.91	0.59	
	2009	0.50	1.15	0.07	0.16	1.01	0.35	
	2010	10.65	15.97	1.14	1.53	2.96	0.80	
	Mean	**23.32**	**28.16**	**1.56**	**1.83**	**3.86**	**1.28**	-
	1973	149.54	152.05	1.65	1.65	1.79	0.53	
	1974	11.39	13.07	1.78	1.81	1.63	0.55	
	1975	14.62	16.37	1.64	1.68	1.65	0.53	
	1976	18.42	20.49	1.57	1.58	1.55	0.48	
	1977	12.80	14.19	2.11	2.10	1.83	0.61	
	1978	19.44	21.11	1.65	1.70	1.55	0.52	
	1979	14.26	16.39	1.66	1.68	1.51	0.50	
	1980	16.47	18.19	2.09	2.21	1.95	0.70	
	1981	3.44	4.89	1.15	1.28	1.28	0.43	
	1982	17.89	19.45	1.02	1.19	1.40	0.46	
	1983	23.42	25.06	1.62	1.66	1.67	0.52	
	1984	30.38	31.98	1.72	1.76	1.66	0.55	
	1985	7.20	8.62	1.39	1.49	1.27	0.42	
	1986	31.88	33.32	1.53	1.62	1.38	0.46	
	1987	24.11	25.63	1.46	1.45	1.18	0.40	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Murlia)	1988	1.17	1.89	0.82	0.89	0.88	0.30	
	1989	33.73	35.23	0.99	1.01	1.21	0.38	
	1990	27.57	29.07	1.51	1.51	1.53	0.46	
	1991	22.56	24.04	1.66	1.66	1.49	0.48	
	1992	65.72	67.41	1.58	1.57	1.45	0.45	
	1993	11.87	13.54	1.79	1.80	1.53	0.52	
	1994	12.47	14.08	1.59	1.66	1.64	0.52	
	1995	3.90	5.35	1.16	1.31	1.33	0.44	
	1996	31.31	32.80	1.04	1.18	1.43	0.42	
	1997	3.37	4.84	1.01	1.14	1.34	0.41	
	1998	3.19	4.59	0.33	0.67	1.26	0.40	
	1999	9.98	11.41	1.09	1.14	1.36	0.45	
	2000	5.26	6.73	1.16	1.35	1.24	0.45	
	2001	18.98	20.58	1.36	1.46	1.33	0.44	
	2002	0.86	1.39	0.51	0.56	0.62	0.22	
	2003	16.23	17.90	1.00	1.02	1.12	0.34	
	2004	20.55	21.92	1.62	1.61	1.43	0.46	
	2005	12.25	13.98	1.57	1.62	1.47	0.48	
	2006	54.66	56.02	1.62	1.62	1.62	0.50	
	2007	14.95	16.39	1.79	1.79	1.43	0.51	
	2008	12.75	14.34	1.45	1.47	1.40	0.44	
	2009	5.11	6.67	1.21	1.41	1.46	0.49	
	2010	21.57	23.02	1.00	1.14	1.40	0.42	
	Mean	**21.19**	**22.74**	**1.39**	**1.46**	**1.43**	**0.46**	-
	1973	67.17	115.74	2.35	2.47	23.93	6.80	
	1974	8.25	18.28	2.17	3.26	22.84	8.55	
	1975	10.68	23.09	0.79	1.78	11.77	3.57	
	1976	36.87	71.88	2.16	2.82	20.83	6.51	
	1977	20.00	40.80	3.12	3.74	23.41	8.05	
	1978	0.05	0.12	0.19	0.68	6.82	2.41	
	1979	5.40	9.23	0.59	1.01	5.30	1.82	
	1980	4.45	8.54	0.53	0.99	6.28	2.35	
	1981	0.37	0.70	0.04	0.08	2.36	0.88	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Nahar sagar)	1982	9.19	18.48	0.84	1.74	7.59	2.39	
	1983	20.86	44.76	1.86	2.47	15.77	4.90	
	1984	2.65	4.56	0.29	1.06	9.68	3.53	
	1985	3.61	6.11	0.32	0.55	4.84	1.64	
	1986	18.02	40.47	1.85	2.82	12.72	4.44	
	1987	1.07	1.95	0.14	0.79	7.29	2.90	
	1988	1.50	2.56	0.20	0.33	2.49	0.92	
	1989	5.31	9.50	0.47	0.85	4.87	1.58	
	1990	29.96	62.81	3.11	3.38	18.80	6.38	
	1991	0.18	0.42	0.43	0.48	8.56	3.35	
	1992	10.54	21.23	0.93	2.00	8.56	2.68	
	1993	40.10	78.34	3.40	3.49	22.35	8.39	
	1994	4.20	7.66	0.44	0.78	12.08	4.30	
	1995	6.37	11.87	0.66	1.23	7.94	2.83	
	1996	41.50	81.65	2.99	3.13	21.85	6.97	
	1997	23.13	48.15	2.78	3.40	22.95	8.00	
	1998	21.81	45.66	1.94	2.71	17.46	5.87	
	1999	1.79	3.06	0.54	1.26	11.07	4.13	
	2000	21.88	48.00	2.63	3.39	14.48	5.36	
	2001	122.28	177.39	3.82	4.04	34.71	12.59	
	2002	0.34	0.65	0.40	0.45	13.21	5.27	
	2003	18.00	38.31	1.76	2.85	12.18	3.96	
	2004	250.34	305.71	2.91	3.38	30.78	10.25	
	2005	16.08	34.53	2.06	3.01	24.46	8.82	
	2006	85.70	133.66	3.09	3.91	31.89	10.61	
	2007	93.08	141.99	4.31	4.42	39.82	14.55	
	2008	14.53	31.15	2.73	5.01	27.13	10.50	
	2009	11.33	24.10	1.16	3.27	13.76	5.02	
	2010	23.26	48.80	1.92	2.63	16.43	5.42	
	Mean	**27.68**	**46.37**	**1.63**	**2.25**	**15.77**	**5.49**	-
	1973	439.76	453.46	1.86	1.92	9.23	2.56	
	1974	1.42	3.08	2.41	2.46	6.39	2.38	
	1975	90.38	102.55	2.03	2.14	9.67	2.91	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin (Nandsamand)	1976	12.85	20.20	2.52	2.57	9.31	3.15	
	1977	4.03	7.74	2.31	2.47	7.05	2.52	
	1978	65.30	77.48	2.30	2.54	9.32	3.16	
	1979	21.62	31.07	2.63	2.62	9.38	3.41	
	1980	16.08	25.53	2.72	2.72	8.92	3.56	
	1981	33.63	46.49	2.61	2.64	10.08	3.33	
	1982	7.11	12.57	2.61	2.69	8.60	3.08	
	1983	57.86	69.66	2.58	2.70	10.28	3.61	
	1984	26.70	37.00	2.56	2.59	9.69	3.30	
	1985	144.78	155.24	2.55	2.58	9.47	3.19	
	1986	6.10	10.84	2.48	2.60	7.44	2.73	
	1987	1.05	1.94	1.99	2.19	2.78	1.07	
	1988	28.43	40.20	1.94	2.09	8.45	2.83	
	1989	14.36	22.72	2.59	2.64	9.78	3.46	
	1990	53.70	65.03	2.39	2.41	9.57	3.05	
	1991	49.76	60.03	2.58	2.58	9.92	3.39	
	1992	199.98	210.60	2.48	2.48	10.06	3.17	
	1993	61.69	71.80	2.61	2.63	9.75	3.54	
	1994	83.84	94.98	2.33	2.35	11.11	3.30	
	1995	13.86	22.18	2.64	2.64	9.23	3.26	
	1996	31.64	41.57	2.52	2.54	9.86	3.26	
	1997	22.13	31.42	2.47	2.49	9.08	3.07	
	1998	2.48	5.30	2.33	2.43	5.90	2.04	
	1999	0.58	1.41	1.58	1.89	3.88	1.42	
	2000	3.45	6.64	1.20	1.64	4.95	1.84	
	2001	77.22	89.57	1.96	2.21	9.57	3.35	
	2002	1.33	2.57	2.07	2.13	4.49	1.65	
	2003	34.75	45.80	2.11	2.20	8.70	2.78	
	2004	0.74	1.72	2.19	2.23	5.07	1.90	
	2005	180.90	193.97	2.13	2.18	8.28	2.65	
	2006	471.03	480.46	2.41	2.42	12.06	3.68	
	2007	28.00	37.69	2.69	2.69	10.38	3.72	
	2008	1.01	2.34	2.10	2.16	4.74	1.72	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	24.02	33.71	2.15	2.22	7.46	2.60	
	2010	136.63	150.11	2.13	2.14	10.49	3.28	
	Mean	**64.48**	**72.81**	**2.31**	**2.39**	**8.43**	**2.87**	-
Banas Basin (Narain sagar jalia)	1973	1.56	2.92	0.05	0.11	1.07	0.34	
	1974	0.00	0.01	0.00	0.00	0.55	0.22	
	1975	8.41	10.95	0.49	0.65	1.34	0.41	
	1976	37.28	40.09	1.46	1.55	2.18	0.73	
	1977	13.51	15.83	2.51	2.69	2.15	0.75	
	1978	9.96	12.68	1.50	1.94	2.08	0.64	
	1979	7.00	9.37	0.81	1.49	2.06	0.70	
	1980	1.66	2.91	0.17	0.33	1.34	0.54	
	1981	0.00	0.00	0.00	0.00	0.29	0.11	
	1982	2.34	8.96	0.11	0.49	0.84	0.23	
	1983	21.75	28.16	1.35	1.48	1.95	0.59	
	1984	4.22	6.32	1.62	1.81	1.79	0.59	
	1985	0.97	1.84	0.06	0.15	1.16	0.41	
	1986	1.61	4.20	0.13	0.31	1.04	0.38	
	1987	0.00	0.00	0.00	0.00	0.34	0.13	
	1988	0.30	0.68	0.03	0.06	0.31	0.10	
	1989	0.43	0.93	0.03	0.06	0.44	0.14	
	1990	5.03	7.10	0.37	0.54	1.32	0.44	
	1991	0.82	1.71	0.06	0.12	1.02	0.37	
	1992	4.64	6.73	0.23	0.35	1.15	0.37	
	1993	2.01	4.46	0.19	0.39	1.44	0.55	
	1994	3.24	5.88	0.28	0.50	1.49	0.52	
	1995	1.83	3.71	0.15	0.29	1.26	0.47	
	1996	9.97	12.65	0.67	0.90	1.70	0.57	
	1997	1.17	2.28	0.05	0.28	1.21	0.43	
	1998	0.02	0.04	0.00	0.00	0.41	0.16	
	1999	0.00	0.00	0.00	0.00	0.02	0.01	
	2000	0.97	2.01	0.08	0.16	0.59	0.20	
	2001	0.32	0.73	0.03	0.06	0.52	0.20	
	2002	0.00	0.00	0.00	0.00	0.12	0.05	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	0.19	0.35	0.02	0.03	0.21	0.07	
	2004	0.41	0.93	0.03	0.06	0.38	0.13	
	2005	2.86	4.78	0.11	0.20	0.93	0.27	
	2006	7.02	8.82	0.48	0.64	1.73	0.59	
	2007	0.53	1.06	0.06	0.11	0.93	0.37	
	2008	0.18	0.42	0.01	0.02	0.31	0.11	
	2009	0.26	0.66	0.02	0.05	0.36	0.13	
	2010	0.91	1.91	0.07	0.14	0.67	0.23	
	Mean	**4.04**	**5.58**	**0.35**	**0.47**	**1.02**	**0.35**	-
Banas Basin (Orai)	1973	154.71	157.98	1.44	1.46	2.75	0.81	
	1974	53.62	56.72	1.66	1.68	2.85	0.99	
	1975	48.40	51.32	1.49	1.52	2.86	0.89	
	1976	70.55	73.84	1.49	1.51	2.75	0.84	
	1977	52.39	54.96	1.94	2.00	3.01	1.02	
	1978	10.72	13.30	0.72	0.81	2.21	0.73	
	1979	54.50	58.02	1.26	1.28	2.43	0.80	
	1980	7.24	9.37	0.91	1.09	2.56	0.94	
	1981	3.27	5.04	0.11	0.18	1.54	0.54	
	1982	41.56	44.00	1.18	1.19	1.94	0.64	
	1983	55.63	58.33	1.42	1.44	2.66	0.77	
	1984	52.15	54.69	1.37	1.38	2.28	0.76	
	1985	39.29	41.82	1.39	1.39	2.25	0.71	
	1986	113.69	116.04	1.69	1.70	2.37	0.81	
	1987	44.09	46.74	1.36	1.38	2.04	0.73	
	1988	19.61	22.24	1.02	1.13	2.39	0.82	
	1989	87.41	89.69	1.11	1.12	2.05	0.65	
	1990	69.92	72.79	1.84	1.85	2.72	0.90	
	1991	60.65	63.12	1.47	1.48	2.38	0.76	
	1992	43.85	46.45	1.50	1.50	2.34	0.76	
	1993	73.30	75.89	1.83	1.84	2.52	0.91	
	1994	114.23	117.14	1.63	1.62	2.70	0.81	
	1995	30.72	33.35	1.46	1.55	2.40	0.79	
	1996	142.94	145.45	1.36	1.46	2.53	0.77	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	25.37	28.17	1.06	1.17	2.46	0.82	
	1998	6.86	9.13	0.29	0.39	2.21	0.79	
	1999	28.37	30.76	1.07	1.18	1.95	0.67	
	2000	34.39	36.82	1.48	1.56	1.94	0.71	
	2001	73.03	75.44	1.71	1.77	2.08	0.74	
	2002	8.25	10.76	0.37	0.47	1.92	0.69	
	2003	41.83	44.83	1.37	1.41	2.60	0.87	
	2004	73.01	75.31	1.48	1.47	2.16	0.72	
	2005	14.20	16.99	0.58	0.67	2.19	0.71	
	2006	94.86	97.23	1.36	1.37	2.53	0.81	
	2007	32.87	35.40	1.73	1.82	2.36	0.84	
	2008	42.64	45.64	1.42	1.55	2.60	0.87	
	2009	36.28	39.09	1.66	1.70	2.67	0.92	
	2010	66.62	69.39	1.38	1.39	2.55	0.84	
	Mean	**53.24**	**55.87**	**1.31**	**1.35**	**2.39**	**0.79**	-
	1973	37.66	45.75	2.52	3.13	4.81	1.33	
	1974	0.00	0.00	4.11	5.00	2.78	1.06	
	1975	9.69	17.57	2.87	3.63	4.83	1.34	
	1976	15.81	23.65	3.06	4.25	7.01	2.24	
	1977	0.17	0.55	3.10	4.40	3.19	1.16	
	1978	0.39	1.03	2.19	3.18	1.16	0.36	
	1979	19.16	28.11	2.18	3.22	5.73	1.91	
	1980	0.01	0.03	2.66	3.89	2.41	0.93	
	1981	0.01	0.03	1.82	2.71	0.43	0.12	
	1982	24.40	33.02	1.90	2.73	4.56	1.40	
	1983	5.93	11.72	2.69	3.82	5.65	1.84	
	1984	0.00	0.01	2.28	3.42	1.91	0.71	
	1985	0.03	0.13	1.54	2.36	0.44	0.13	
	1986	2.42	5.25	1.11	1.77	2.36	0.75	
	1987	0.01	0.02	0.92	1.56	1.07	0.40	
	1988	3.81	8.06	0.72	1.30	3.18	1.01	
	1989	0.24	0.58	0.68	1.29	1.77	0.61	
	1990	1.11	2.37	0.51	1.00	1.76	0.52	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Rajsamand)	1991	0.74	1.49	0.42	0.84	1.70	0.56	
	1992	1.53	3.53	0.37	0.77	1.98	0.61	
	1993	0.99	2.07	0.38	0.82	2.10	0.76	
	1994	7.19	13.32	0.57	1.10	4.29	1.25	
	1995	16.75	25.22	1.50	2.51	6.59	2.25	
	1996	0.23	0.59	1.78	2.83	2.62	0.96	
	1997	0.36	0.82	1.19	1.95	1.27	0.45	
	1998	5.96	12.08	1.06	1.85	4.08	1.27	
	1999	1.40	3.21	1.13	2.07	3.41	1.22	
	2000	0.00	0.01	0.81	1.55	0.77	0.27	
	2001	3.77	7.77	0.67	1.30	3.17	0.98	
	2002	0.00	0.00	0.63	1.27	1.41	0.52	
	2003	0.02	0.12	0.40	0.83	0.44	0.12	
	2004	0.03	0.19	0.26	0.57	0.43	0.11	
	2005	2.39	5.23	0.26	0.57	2.04	0.61	
	2006	56.16	64.53	2.35	2.95	5.56	1.76	
	2007	15.46	23.90	5.11	6.27	7.73	2.69	
	2008	0.35	1.02	4.08	5.22	2.83	1.00	
	2009	0.01	0.03	2.91	3.79	0.65	0.21	
	2010	2.58	5.60	1.76	2.36	2.30	0.64	
	Mean	**6.23**	**9.17**	**1.70**	**2.48**	**2.91**	**0.95**	-
	1973	69.81	105.65	3.13	6.05	22.30	6.83	
	1974	0.70	1.25	4.96	5.01	13.29	5.05	
	1975	24.96	52.92	1.58	2.82	16.61	4.79	
	1976	161.91	198.78	3.86	6.36	30.26	9.80	
	1977	2.65	4.79	4.88	4.97	14.92	5.50	
	1978	12.10	25.59	1.43	2.44	12.40	4.12	
	1979	6.35	12.09	0.40	2.10	10.68	3.99	
	1980	17.91	40.51	1.33	2.91	14.89	5.68	
	1981	1.50	2.59	0.08	2.33	6.68	2.45	
	1982	2.34	3.97	0.12	0.21	3.58	1.19	
	1983	55.37	92.50	2.89	3.25	20.37	6.21	
	1984	7.46	14.76	4.68	5.36	17.25	6.22	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Sareri)	1985	1.43	2.56	1.01	2.13	6.13	2.36	
	1986	2.90	4.87	0.18	0.30	3.60	1.22	
	1987	0.00	0.01	0.00	0.00	1.16	0.43	
	1988	6.85	12.62	0.40	0.75	6.58	2.14	
	1989	5.86	11.20	0.29	0.58	8.19	2.82	
	1990	24.54	53.68	1.59	3.48	17.88	5.82	
	1991	8.00	15.90	1.04	4.68	14.72	5.24	
	1992	29.81	60.99	1.84	4.84	19.75	6.40	
	1993	0.42	0.81	1.18	4.29	9.42	3.66	
	1994	84.40	124.13	4.33	4.50	23.56	7.51	
	1995	37.58	69.05	6.65	6.77	25.47	9.17	
	1996	41.59	75.72	6.30	6.63	25.95	8.85	
	1997	40.97	72.90	6.64	6.76	27.06	9.40	
	1998	2.73	5.12	4.33	4.50	12.81	4.77	
	1999	4.77	8.74	0.71	1.26	6.86	2.43	
	2000	6.23	10.77	0.44	0.76	7.37	2.77	
	2001	43.48	80.02	3.14	4.45	22.83	7.50	
	2002	1.10	1.92	2.55	4.17	10.38	4.01	
	2003	0.37	0.71	0.03	0.19	1.70	0.61	
	2004	17.93	41.00	1.06	2.51	12.74	4.06	
	2005	11.05	22.71	0.54	3.55	15.17	5.09	
	2006	27.34	55.76	1.62	4.60	18.48	6.24	
	2007	10.77	24.12	1.75	6.15	17.71	6.58	
	2008	0.47	0.92	0.04	2.48	5.01	1.89	
	2009	8.52	16.72	0.51	1.03	7.68	2.61	
	2010	4.94	8.76	0.18	0.33	7.52	2.41	
	Mean	**20.71**	**35.19**	**2.05**	**3.30**	**13.66**	**4.68**	-
	1973	40.16	50.15	1.75	2.37	7.82	2.26	
	1974	15.39	25.14	2.79	3.37	8.57	2.68	
	1975	46.37	55.64	2.27	3.12	9.27	2.51	
	1976	3.08	5.87	1.87	2.05	6.07	1.85	
	1977	38.88	51.44	2.29	2.44	8.99	2.50	
	1978	8.11	15.93	2.19	2.70	7.85	2.35	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Surawal)	1979	27.62	37.57	2.42	3.06	8.37	2.71	
	1980	3.68	8.09	1.53	1.88	5.66	1.81	
	1981	4.20	9.61	0.34	0.78	5.23	1.62	
	1982	4.41	10.08	0.28	0.66	5.01	1.50	
	1983	2.39	4.27	0.12	0.22	4.13	1.21	
	1984	0.99	1.62	0.06	0.10	2.29	0.72	
	1985	4.78	10.79	0.16	0.41	3.08	0.76	
	1986	13.28	23.29	0.99	1.77	8.17	2.52	
	1987	0.62	1.04	0.04	0.96	3.24	1.10	
	1988	3.22	6.33	0.23	0.44	3.61	1.04	
	1989	1.12	1.88	0.08	0.13	2.70	0.84	
	1990	5.74	13.24	0.49	1.15	5.53	1.63	
	1991	11.44	20.81	0.76	1.49	6.92	2.03	
	1992	15.75	26.60	1.05	2.50	8.50	2.44	
	1993	5.79	12.18	0.57	2.50	7.90	2.46	
	1994	57.03	66.95	2.32	2.53	8.17	2.38	
	1995	39.99	49.34	3.11	3.10	8.53	2.44	
	1996	17.38	26.51	2.52	2.90	7.79	2.26	
	1997	9.20	17.37	1.32	2.44	7.45	2.11	
	1998	22.07	33.60	1.61	3.03	9.56	2.86	
	1999	3.64	8.03	1.10	2.29	7.11	2.19	
	2000	2.03	3.44	0.16	0.28	3.83	1.26	
	2001	25.26	37.06	2.20	2.61	7.79	2.25	
	2002	0.66	1.13	1.07	1.38	3.70	1.28	
	2003	11.58	21.22	0.78	1.55	5.66	1.54	
	2004	43.10	52.93	2.09	2.68	8.25	2.54	
	2005	55.30	64.49	3.54	3.54	9.10	2.81	
	2006	14.57	24.12	2.17	2.92	7.96	2.31	
	2007	33.80	44.56	2.89	3.76	9.81	3.07	
	2008	17.10	25.95	2.82	3.30	8.86	2.63	
	2009	0.17	0.29	0.66	1.13	2.86	0.94	
	2010	32.56	45.75	1.43	1.57	6.13	1.56	
	Mean	**16.91**	**24.06**	**1.42**	**1.98**	**6.62**	**1.97**	**-**

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Tordi sagar)	1973	221.24	306.74	9.39	11.12	41.27	11.86	
	1974	157.38	228.32	18.25	19.16	61.43	21.24	
	1975	351.62	437.62	13.05	13.92	58.51	15.90	
	1976	207.80	282.46	17.62	18.59	64.06	21.18	
	1977	207.25	281.92	17.99	19.11	62.29	20.49	
	1978	78.47	139.83	13.90	15.14	50.89	14.84	
	1979	135.63	231.67	15.31	16.14	53.82	16.52	
	1980	130.22	225.93	17.08	18.57	55.97	19.16	
	1981	90.89	161.13	15.58	16.55	49.64	16.68	
	1982	16.55	38.18	7.94	10.37	29.54	8.96	
	1983	155.25	247.89	10.40	13.03	39.17	10.88	
	1984	4.68	10.79	9.88	11.33	33.10	12.30	
	1985	0.04	0.08	1.17	1.89	4.82	1.78	
	1986	7.49	14.70	1.27	2.36	6.50	2.00	
	1987	0.57	0.99	0.64	1.32	3.76	1.27	
	1988	0.24	0.43	0.12	0.23	0.80	0.27	
	1989	0.13	0.25	0.04	0.07	0.33	0.10	
	1990	0.97	1.71	0.20	0.35	1.22	0.40	
	1991	0.22	0.41	0.08	0.16	0.73	0.24	
	1992	5.68	9.84	1.00	1.68	4.88	1.49	
	1993	9.93	24.28	2.35	5.26	10.69	3.71	
	1994	8.72	19.45	2.14	4.86	10.58	3.40	
	1995	17.89	37.30	3.89	8.12	14.72	4.75	
	1996	58.72	104.85	9.13	11.04	28.71	8.27	
	1997	19.22	51.65	7.66	12.11	25.85	8.29	
	1998	0.33	0.80	2.31	5.93	8.39	3.06	
	1999	23.21	48.53	3.81	7.76	13.52	3.86	
	2000	0.02	0.06	1.77	4.05	6.76	2.53	
	2001	10.10	23.30	2.16	4.77	9.40	3.19	
	2002	0.00	0.00	0.56	1.49	3.32	1.25	
	2003	0.81	1.38	0.20	0.35	1.11	0.36	
	2004	17.42	38.26	2.69	5.62	9.72	3.09	
	2005	0.31	0.58	1.47	3.47	6.80	2.48	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2006	0.01	0.02	0.07	0.21	0.53	0.18	
	2007	0.03	0.08	0.01	0.02	0.14	0.04	
	2008	1.16	2.09	0.22	0.37	1.30	0.40	
	2009	0.05	0.12	0.08	0.15	0.76	0.26	
	2010	9.74	21.55	1.33	2.75	6.93	2.13	
	Mean	**51.32**	**78.82**	**5.60**	**7.09**	**20.58**	**6.55**	-
Banas Basin (Udaisagar)	1973	229.90	247.14	0.56	0.58	12.41	3.34	
	1974	1.09	2.16	1.28	1.32	7.56	2.89	
	1975	23.36	37.89	0.63	0.85	12.65	3.71	
	1976	4.29	7.32	0.91	1.35	10.30	3.61	
	1977	2.22	4.05	0.13	0.73	5.62	2.02	
	1978	15.09	26.09	0.38	0.60	11.67	3.90	
	1979	6.11	10.37	0.38	1.17	10.93	4.01	
	1980	5.60	9.42	0.23	0.85	8.78	3.51	
	1981	8.98	15.29	0.23	0.44	10.22	3.34	
	1982	2.98	5.26	0.07	0.31	8.30	3.04	
	1983	13.43	23.39	0.43	0.69	12.89	4.44	
	1984	7.01	12.02	0.23	0.98	10.97	3.76	
	1985	58.27	78.33	0.78	1.09	13.45	4.51	
	1986	2.68	4.59	1.24	1.31	8.07	3.05	
	1987	0.92	1.66	0.28	0.45	2.20	0.84	
	1988	8.08	13.46	0.22	0.36	8.65	2.87	
	1989	4.33	7.50	0.14	0.26	8.67	3.08	
	1990	12.15	21.63	0.26	0.44	10.92	3.39	
	1991	11.84	21.28	0.35	1.11	14.29	4.89	
	1992	91.70	112.56	0.76	1.37	15.75	4.95	
	1993	15.85	28.82	1.56	1.61	15.13	5.56	
	1994	24.72	38.95	1.29	1.38	15.24	4.56	
	1995	4.85	8.18	1.31	1.38	10.27	3.74	
	1996	7.23	12.61	0.58	0.90	9.57	3.13	
	1997	5.71	9.68	0.14	0.63	9.03	3.07	
	1998	1.65	3.14	0.03	0.12	5.49	1.92	
	1999	0.69	1.45	0.03	0.06	3.13	1.14	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2000	2.00	3.59	0.08	0.13	3.41	1.28	
	2001	18.77	31.32	0.64	0.99	12.68	4.33	
	2002	0.91	1.67	0.36	1.05	5.42	2.06	
	2003	8.39	14.11	0.22	0.45	8.77	2.78	
	2004	0.74	1.47	0.03	0.12	5.21	1.99	
	2005	71.41	93.61	0.81	0.87	12.35	3.90	
	2006	270.59	285.00	1.43	1.43	18.13	5.60	
	2007	6.83	11.91	1.34	1.48	13.32	4.82	
	2008	0.81	1.71	0.51	0.83	4.75	1.78	
	2009	6.83	11.31	0.22	0.36	7.53	2.60	
	2010	45.23	65.75	0.59	0.63	14.46	4.46	
	Mean	**26.40**	**33.83**	**0.54**	**0.81**	**9.95**	**3.36**	-
Banas Basin (Ummed Sagar)	1973	59.35	88.17	3.70	4.52	17.21	5.28	
	1974	14.50	29.58	4.76	5.46	16.83	6.12	
	1975	24.29	45.04	4.28	4.86	16.80	5.04	
	1976	42.87	66.85	5.09	5.26	19.62	6.44	
	1977	9.46	19.91	3.96	5.21	15.29	5.32	
	1978	17.21	35.16	3.60	5.18	13.17	4.52	
	1979	9.81	20.77	4.02	5.91	12.85	4.78	
	1980	4.78	9.91	1.96	3.75	7.73	2.98	
	1981	6.39	13.63	1.31	2.69	6.25	2.08	
	1982	14.39	30.59	2.85	4.57	11.25	3.77	
	1983	84.58	113.39	4.71	5.60	19.89	6.51	
	1984	19.29	37.80	5.16	5.40	18.65	6.64	
	1985	17.72	35.67	4.79	5.31	15.66	5.36	
	1986	7.78	16.69	3.43	5.16	11.92	4.30	
	1987	9.70	21.75	2.23	4.34	8.85	3.05	
	1988	0.70	1.22	1.20	2.43	5.20	1.98	
	1989	46.61	73.12	3.12	3.35	13.23	4.07	
	1990	34.62	57.40	5.59	5.82	20.79	7.00	
	1991	19.22	37.28	5.11	5.23	17.73	6.16	
	1992	16.05	33.06	4.18	4.77	14.39	4.78	
	1993	5.10	10.75	2.62	3.96	10.21	3.78	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	92.88	121.94	4.43	4.77	19.94	5.84	
	1995	6.49	14.33	3.15	4.51	13.59	5.01	
	1996	42.57	68.46	4.06	4.69	16.32	5.18	
	1997	77.86	104.28	5.04	5.05	21.64	7.11	
	1998	1.32	2.31	2.13	2.29	9.88	3.70	
	1999	11.14	24.34	2.28	3.86	9.19	3.04	
	2000	23.09	44.76	4.70	5.48	14.93	5.50	
	2001	38.87	65.02	5.42	5.48	19.90	6.74	
	2002	0.28	0.49	1.76	1.80	7.65	2.98	
	2003	1.37	2.34	0.38	0.57	1.98	0.66	
	2004	139.84	170.29	4.10	4.39	16.37	5.21	
	2005	8.79	19.00	3.34	4.52	14.15	4.94	
	2006	64.61	90.46	4.36	5.36	18.55	6.01	
	2007	1.72	2.87	2.27	2.48	9.73	3.86	
	2008	0.64	1.14	0.34	0.51	2.01	0.71	
	2009	0.70	1.20	0.19	0.33	1.09	0.40	
	2010	19.15	39.46	2.40	2.97	10.67	3.08	
	Mean	**26.20**	**41.33**	**3.37**	**4.15**	**13.19**	**4.47**	-
	1973	122.02	146.44	0.89	0.91	10.84	2.73	347.71
	1974	0.00	0.00	1.58	1.59	6.44	2.48	0.06
	1975	0.00	0.71	0.11	0.43	3.61	1.01	3.24
	1976	0.00	0.00	0.04	0.14	2.92	0.98	1.15
	1977	9.97	19.62	0.51	0.96	8.01	2.68	11.91
	1978	0.39	0.67	0.25	0.99	7.99	2.73	5.42
	1979	0.05	0.08	0.01	0.07	2.81	1.03	0.46
	1980	0.01	0.07	0.05	0.10	1.99	0.72	0.98
	1981	0.00	0.00	0.02	0.04	1.40	0.47	0.43
	1982	0.00	0.00	0.00	0.01	0.88	0.29	0.12
	1983	1.97	3.81	0.33	0.67	7.28	2.14	8.66
	1984	3.57	9.51	0.32	0.75	8.93	3.05	7.18
	1985	0.07	0.12	1.29	1.34	8.17	2.82	35.38
	1986	0.37	0.60	1.29	1.35	4.24	1.59	1.20
	1987	0.00	0.00	0.00	0.00	0.74	0.28	0.00

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Banas Basin *(Vallabhnagar)	1988	0.00	0.00	0.09	0.18	3.12	0.98	2.96
	1989	11.61	21.68	0.50	0.93	8.36	2.61	14.67
	1990	0.00	0.00	0.15	1.13	7.69	2.56	4.57
	1991	0.31	0.00	0.38	0.81	8.37	2.85	9.38
	1992	3.19	6.58	1.27	1.36	9.26	2.95	69.76
	1993	0.02	0.04	1.44	2.05	5.53	2.04	2.49
	1994	0.08	0.45	0.22	1.34	3.86	1.09	8.23
	1995	0.00	0.00	0.01	1.21	1.90	0.70	0.25
	1996	0.00	0.00	0.01	0.02	0.88	0.26	0.25
	1997	0.00	0.00	0.01	0.01	0.81	0.26	0.28
	1998	0.00	0.00	0.00	0.00	0.59	0.19	0.03
	1999	0.21	0.32	0.01	0.02	0.69	0.23	0.28
	2000	0.00	0.00	0.02	0.03	0.94	0.34	0.39
	2001	0.00	0.04	0.19	0.38	4.54	1.52	4.15
	2002	0.03	0.09	0.01	0.01	1.91	0.63	0.14
	2003	0.01	0.90	0.17	0.33	4.78	1.35	4.65
	2004	0.00	0.38	0.02	0.05	2.61	0.89	0.53
	2005	0.15	0.19	0.95	1.07	0.76	0.25	39.40
	2006	0.07	0.08	2.08	2.10	0.77	0.23	254.43
	2007	5.11	9.59	1.46	1.75	6.15	1.81	7.80
	2008	0.00	0.00	0.02	0.66	4.67	1.72	0.14
	2009	0.15	0.33	0.02	0.03	1.37	0.41	0.58
	2010	0.06	0.12	0.40	0.98	3.20	1.04	13.83
	Mean	**4.20**	**5.85**	**0.42**	**0.68**	**4.18**	**1.37**	**22.71**
	1973	157.89	163.83			6.10	1.79	
	1974	57.38	65.03			6.22	2.08	
	1975	24.95	31.71			6.73	2.16	
	1976	57.44	64.87			6.90	2.11	
	1977	16.69	22.68			6.67	2.21	
	1978	36.19	42.92			6.55	2.13	
	1979	12.00	17.05			4.76	1.59	
	1980	36.58	44.07			6.87	2.40	
	1981	6.78	11.76			5.34	1.86	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Banas Basin (Wagon)	1982	4.28	7.61	0.24	0.43	3.82	1.24	
	1983	30.50	38.05	1.65	2.11	6.43	1.93	
	1984	56.61	62.90	3.54	4.37	6.22	2.07	
	1985	23.26	30.03	4.06	4.46	5.74	1.87	
	1986	32.04	38.50	3.30	4.34	5.80	1.99	
	1987	18.68	25.04	2.54	3.66	4.82	1.67	
	1988	3.84	7.05	0.30	1.51	4.08	1.39	
	1989	38.06	44.31	2.35	2.54	5.00	1.54	
	1990	41.12	47.37	3.91	4.19	5.96	1.86	
	1991	27.46	34.12	4.27	4.64	6.00	1.98	
	1992	56.03	62.52	4.15	4.60	5.94	1.90	
	1993	21.45	27.49	3.96	4.41	5.71	1.94	
	1994	42.28	48.73	2.85	3.43	5.61	1.70	
	1995	3.37	6.15	2.56	2.73	4.25	1.46	
	1996	64.86	71.71	2.71	2.79	5.53	1.64	
	1997	7.47	12.40	2.77	3.07	5.10	1.65	
	1998	1.15	1.95	0.05	0.11	2.43	0.83	
	1999	2.12	3.68	0.15	0.25	2.35	0.76	
	2000	7.81	11.37	0.63	0.92	3.43	1.23	
	2001	45.26	52.70	3.70	3.72	5.47	1.79	
	2002	0.03	0.07	1.77	1.76	1.60	0.60	
	2003	2.85	4.76	0.12	0.21	1.08	0.32	
	2004	48.95	55.35	3.00	3.02	4.68	1.47	
	2005	22.22	28.19	3.69	4.14	5.75	1.92	
	2006	107.82	113.93	3.58	4.03	6.02	1.91	
	2007	5.02	8.25	2.47	2.71	4.40	1.58	
	2008	31.06	38.13	2.29	2.86	5.49	1.74	
	2009	2.02	3.42	0.98	1.85	3.17	1.14	
	2010	2.89	4.76	0.17	0.28	1.95	0.59	
	Mean	**30.43**	**35.64**	**2.34**	**2.73**	**5.00**	**1.63**	-
	1973	19.22	19.22	0.03	0.03	0.00	0.00	77.89
	1974	6.73	6.73	0.03	0.03	0.00	0.00	28.18
	1975	8.80	8.80	0.02	0.02	0.00	0.00	31.55

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin * (Abheypura)	1976	10.18	10.18	0.02	0.02	0.00	0.00	51.64
	1977	14.64	14.64	0.03	0.03	0.00	0.00	53.95
	1978	10.74	10.74	0.03	0.03	0.00	0.00	38.23
	1979	11.14	11.14	0.03	0.03	0.00	0.00	50.16
	1980	4.07	4.07	0.03	0.03	0.00	0.00	11.75
	1981	4.67	4.67	0.03	0.03	0.00	0.00	13.74
	1982	15.07	15.07	0.03	0.03	0.00	0.00	55.21
	1983	8.18	8.18	0.03	0.03	0.00	0.00	27.22
	1984	10.93	10.93	0.03	0.03	0.00	0.00	36.51
	1985	3.55	3.55	0.03	0.03	0.00	0.00	10.70
	1986	30.92	30.92	0.03	0.03	0.00	0.00	124.06
	1987	4.41	4.41	0.03	0.03	0.00	0.00	22.10
	1988	5.71	5.71	0.03	0.03	0.00	0.00	27.25
	1989	13.89	13.89	0.03	0.03	0.00	0.00	56.82
	1990	19.79	19.79	0.03	0.03	0.00	0.00	88.22
	1991	28.74	28.74	0.03	0.03	0.00	0.00	99.33
	1992	18.20	18.20	0.03	0.03	0.00	0.00	60.60
	1993	11.90	11.90	0.03	0.03	0.00	0.00	53.45
	1994	31.45	31.45	0.03	0.03	0.00	0.00	124.31
	1995	22.74	22.74	0.03	0.03	0.00	0.00	82.92
	1996	17.88	17.88	0.03	0.03	0.00	0.00	75.06
	1997	22.92	22.92	0.03	0.03	0.00	0.00	81.20
	1998	7.69	7.69	0.03	0.03	0.00	0.00	22.38
	1999	9.03	9.03	0.03	0.03	0.00	0.00	41.63
	2000	19.52	19.52	0.03	0.03	0.00	0.00	87.20
	2001	21.15	21.15	0.03	0.03	0.00	0.00	88.94
	2002	3.64	3.64	0.02	0.02	0.00	0.00	2.46
	2003	9.98	9.98	0.01	0.01	0.00	0.00	36.79
	2004	20.95	20.95	0.03	0.03	0.00	0.00	85.59
	2005	8.23	8.23	0.03	0.03	0.00	0.00	32.75
	2006	14.21	14.21	0.03	0.03	0.00	0.00	61.13
	2007	4.54	4.54	0.03	0.03	0.00	0.00	25.90
	2008	7.65	7.65	0.02	0.02	0.00	0.00	25.93

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	10.25	10.25	0.03	0.03	0.00	0.00	40.42
	2010	9.72	9.72	0.02	0.02	0.00	0.00	45.40
	Mean	**13.24**	**13.24**	**0.03**	**0.03**	**0.00**	**0.00**	**52.07**
Chambal Basin (Alnia dam)	1973	31.42	31.43	0.03	0.03	0.74	0.23	
	1974	53.92	53.97	0.03	0.03	0.79	0.27	
	1975	41.72	41.75	0.02	0.02	0.73	0.21	
	1976	23.65	23.69	0.02	0.02	0.62	0.20	
	1977	52.62	52.73	0.02	0.02	0.78	0.26	
	1978	33.36	34.09	0.03	0.03	0.57	0.19	
	1979	14.59	14.61	0.03	0.03	0.29	0.10	
	1980	2.11	2.11	0.03	0.03	0.05	0.01	
	1981	6.50	6.51	0.03	0.03	0.01	0.00	
	1982	31.01	31.03	0.03	0.03	0.32	0.10	
	1983	7.51	7.53	0.02	0.02	0.19	0.07	
	1984	17.25	17.26	0.03	0.03	0.07	0.02	
	1985	15.77	15.78	0.03	0.03	0.04	0.01	
	1986	42.21	42.24	0.03	0.03	0.50	0.16	
	1987	6.39	6.40	0.03	0.03	0.21	0.08	
	1988	32.36	32.41	0.03	0.03	0.50	0.14	
	1989	11.23	11.26	0.03	0.03	0.22	0.08	
	1990	20.71	20.76	0.02	0.02	0.39	0.11	
	1991	40.03	40.06	0.03	0.03	0.65	0.20	
	1992	22.39	22.42	0.03	0.03	0.39	0.13	
	1993	16.79	16.80	0.03	0.03	0.25	0.08	
	1994	36.42	36.45	0.02	0.02	0.51	0.15	
	1995	38.20	38.22	0.03	0.03	0.59	0.19	
	1996	35.22	35.24	0.03	0.03	0.65	0.20	
	1997	23.59	23.68	0.02	0.02	0.64	0.21	
	1998	12.86	12.88	0.03	0.03	0.19	0.07	
	1999	15.39	15.42	0.03	0.03	0.02	0.00	
	2000	26.61	27.30	0.03	0.03	0.46	0.17	
	2001	56.16	56.67	0.02	0.02	0.63	0.21	
	2002	6.28	6.28	0.03	0.03	0.21	0.07	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2003	4.79	4.79	0.03	0.03	0.03	0.01	
	2004	21.52	21.55	0.03	0.03	0.09	0.03	
	2005	15.99	16.00	0.03	0.03	0.05	0.02	
	2006	24.04	24.05	0.03	0.03	0.29	0.09	
	2007	27.16	27.19	0.03	0.03	0.52	0.18	
	2008	18.46	18.49	0.03	0.03	0.27	0.09	
	2009	18.00	18.02	0.03	0.03	0.23	0.08	
	2010	9.87	9.89	0.03	0.03	0.07	0.02	
	Mean	**24.06**	**24.13**	**0.03**	**0.03**	**0.36**	**0.12**	
Chambal Basin (Bethali)	1973	73.22	73.47	2.07	2.08	0.32	0.10	
	1974	23.35	23.52	2.81	2.81	0.33	0.10	
	1975	37.88	38.10	2.62	2.62	0.34	0.10	
	1976	10.25	10.39	2.42	2.43	0.25	0.08	
	1977	9.06	9.34	1.64	1.66	0.26	0.08	
	1978	16.94	17.18	1.26	1.30	0.29	0.09	
	1979	0.31	0.41	1.14	1.18	0.15	0.05	
	1980	15.66	15.86	0.56	0.57	0.26	0.09	
	1981	12.13	12.49	0.96	0.99	0.31	0.10	
	1982	57.81	58.07	1.44	1.47	0.31	0.09	
	1983	34.03	34.21	2.59	2.59	0.31	0.09	
	1984	32.94	33.19	2.77	2.77	0.28	0.08	
	1985	49.59	49.79	2.72	2.72	0.31	0.09	
	1986	54.03	54.21	2.81	2.81	0.30	0.10	
	1987	26.89	27.14	2.69	2.69	0.25	0.08	
	1988	16.64	16.82	2.64	2.64	0.32	0.10	
	1989	0.00	0.00	2.06	2.07	0.07	0.02	
	1990	37.62	37.89	1.10	1.11	0.24	0.07	
	1991	42.86	43.00	2.83	2.83	0.31	0.10	
	1992	4.25	4.41	2.27	2.28	0.23	0.07	
	1993	49.60	49.92	1.72	1.74	0.34	0.10	
	1994	44.79	45.04	2.81	2.82	0.34	0.11	
	1995	51.09	51.21	2.75	2.75	0.29	0.09	
	1996	65.56	65.77	2.75	2.75	0.31	0.09	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	1997	26.38	26.68	2.60	2.60	0.31	0.09	
	1998	27.75	28.02	3.21	3.21	0.39	0.12	
	1999	19.00	19.23	2.66	2.67	0.32	0.10	
	2000	34.74	34.93	2.87	2.87	0.30	0.10	
	2001	11.55	11.72	2.37	2.38	0.28	0.09	
	2002	2.83	3.02	1.51	1.53	0.18	0.06	
	2003	22.48	22.81	0.72	0.75	0.26	0.07	
	2004	30.42	30.70	2.04	2.08	0.30	0.09	
	2005	19.74	19.88	2.72	2.72	0.32	0.09	
	2006	24.33	24.51	2.55	2.56	0.29	0.09	
	2007	4.74	4.90	2.37	2.37	0.27	0.09	
	2008	18.21	18.43	1.38	1.40	0.32	0.09	
	2009	7.59	7.85	1.53	1.57	0.25	0.08	
	2010	1.53	1.67	0.60	0.65	0.18	0.05	
	Mean	**26.78**	**26.99**	**2.12**	**2.13**	**0.28**	**0.09**	-
	1973	95.78	96.55	3.83	3.84	1.29	0.40	
	1974	32.57	33.52	3.62	3.62	1.16	0.39	
	1975	36.54	36.56	3.26	3.26	1.22	0.36	
	1976	60.13	60.45	3.79	3.79	1.24	0.37	
	1977	68.59	68.81	4.10	4.11	1.45	0.47	
	1978	44.89	46.18	3.80	3.80	1.08	0.35	
	1979	59.81	60.54	4.05	4.05	1.20	0.40	
	1980	12.29	12.31	2.94	2.95	1.26	0.44	
	1981	14.06	14.08	3.18	3.18	1.06	0.36	
	1982	65.62	66.41	3.69	3.69	1.22	0.38	
	1983	32.52	32.59	3.55	3.55	1.32	0.43	
	1984	43.53	44.32	3.67	3.67	1.09	0.35	
	1985	9.74	9.85	2.02	2.03	1.02	0.32	
	1986	154.97	155.51	3.98	3.98	1.21	0.40	
	1987	24.86	25.52	3.06	3.06	1.01	0.33	
	1988	31.21	31.38	3.71	3.71	1.28	0.44	
	1989	69.92	70.77	4.53	4.53	1.17	0.39	
	1990	108.03	108.93	4.46	4.46	1.15	0.37	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin (Bhimlat dam)	1991	124.13	124.57	4.01	4.01	1.13	0.37	
	1992	73.64	74.36	3.63	3.64	1.15	0.36	
	1993	65.01	65.75	4.53	4.53	1.21	0.40	
	1994	155.75	156.10	4.34	4.34	1.17	0.36	
	1995	102.33	102.89	3.98	3.98	1.11	0.35	
	1996	92.94	93.56	3.58	3.57	1.10	0.34	
	1997	101.34	102.12	3.95	3.95	1.13	0.35	
	1998	24.99	25.08	3.91	3.91	1.17	0.38	
	1999	49.94	50.85	3.50	3.50	1.18	0.39	
	2000	106.73	107.54	3.86	3.86	1.09	0.38	
	2001	110.10	110.70	4.59	4.59	1.21	0.40	
	2002	5.53	5.53	1.21	1.21	0.77	0.26	
	2003	41.26	42.08	3.79	3.80	1.08	0.33	
	2004	106.54	107.43	4.12	4.12	1.25	0.41	
	2005	38.81	38.84	4.09	4.09	1.28	0.41	
	2006	75.34	75.81	3.71	3.71	1.19	0.38	
	2007	29.80	29.98	3.81	3.81	1.15	0.41	
	2008	29.73	30.08	3.68	3.68	1.17	0.37	
	2009	48.66	48.92	3.85	3.86	1.20	0.40	
	2010	54.95	55.46	3.37	3.38	1.12	0.34	
	Mean	**63.23**	**63.74**	**3.70**	**3.71**	**1.17**	**0.38**	
	1973	5.06	5.23			0.79	0.21	
	1974	14.33	15.38			2.09	0.65	
	1975	78.93	79.78			2.37	0.68	
	1976	1.85	1.92			1.62	0.53	
	1977	1.74	2.54			1.63	0.52	
	1978	3.57	4.13			1.64	0.53	
	1979	2.46	3.08			1.46	0.46	
	1980	0.23	0.43			0.88	0.30	
	1981	0.02	0.04			0.33	0.09	
	1982	83.19	84.10			1.74	0.44	
	1983	18.46	19.09			2.27	0.63	
	1984	5.26	5.76			1.91	0.60	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin (Bhimsagar dam)	1985	83.10	84.63			2.28	0.65	
	1986	94.16	95.40			2.44	0.77	
	1987	90.13	91.68			2.14	0.68	
	1988	77.46	79.02			2.52	0.85	
	1989	0.00	0.00			0.68	0.24	
	1990	66.86	67.53			1.73	0.45	
	1991	19.80	19.84			2.04	0.65	
	1992	34.52	34.83			2.30	0.71	
	1993	64.61	66.56			2.58	0.81	
	1994	29.26	29.46			2.24	0.69	
	1995	9.02	9.64			1.83	0.60	
	1996	135.12	136.49	2.28	2.29	2.46	0.73	
	1997	76.42	78.76	4.49	4.54	2.90	0.83	
	1998	11.67	13.23	5.27	5.49	2.74	0.92	
	1999	117.88	119.93	2.52	2.57	2.48	0.73	
	2000	22.78	24.75	4.09	4.19	2.10	0.73	
	2001	52.36	53.49	1.77	1.83	2.29	0.73	
	2002	0.00	0.00	0.23	0.26	0.94	0.33	
	2003	6.72	7.48	0.11	0.13	1.21	0.34	
	2004	49.94	51.97	1.35	1.42	1.96	0.62	
	2005	6.12	7.87	0.47	0.59	2.26	0.71	
	2006	226.27	227.80	2.85	2.87	2.26	0.70	
	2007	4.28	5.73	3.34	3.39	1.73	0.58	
	2008	0.69	1.13	0.02	0.04	1.64	0.50	
	2009	0.68	1.23	0.03	0.05	1.46	0.47	
	2010	0.03	0.07	0.00	0.00	0.87	0.28	
	Mean	**39.34**	**40.26**	**1.92**	**1.98**	**1.86**	**0.58**	
	1973	45.17	45.65			1.74	0.49	
	1974	29.31	29.73			1.47	0.49	
	1975	50.76	51.23			1.16	0.30	
	1976	20.58	21.10			1.32	0.38	
	1977	33.23	33.75			1.41	0.41	
	1978	1.11	1.41			0.60	0.18	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin (Bilas dam)	1979	31.39	32.00			0.84	0.22	
	1980	12.07	12.65			1.26	0.36	
	1981	9.94	10.47			1.30	0.40	
	1982	34.81	35.59			1.25	0.34	
	1983	31.99	32.67			1.45	0.41	
	1984	9.55	10.14			1.24	0.35	
	1985	8.21	8.71			1.19	0.31	
	1986	4.65	5.13			1.21	0.34	
	1987	1.63	1.89			0.58	0.18	
	1988	17.98	18.41			0.82	0.20	
	1989	56.72	57.59			1.31	0.37	
	1990	54.35	55.24			1.40	0.39	
	1991	11.99	12.43			0.84	0.24	
	1992	21.68	22.18			0.79	0.21	
	1993	23.17	23.90			1.18	0.34	
	1994	70.16	70.64			1.36	0.41	
	1995	71.04	71.43			1.30	0.41	
	1996	65.81	66.26	0.92	0.92	1.38	0.36	
	1997	69.01	69.42	2.39	2.39	1.52	0.40	
	1998	35.26	35.68	2.57	2.57	1.44	0.43	
	1999	55.13	55.75	2.66	2.67	1.46	0.45	
	2000	24.96	25.77	2.88	2.88	1.45	0.48	
	2001	79.61	81.11	2.77	2.78	1.50	0.48	
	2002	35.83	36.20	2.45	2.45	1.33	0.38	
	2003	78.29	78.68	2.28	2.28	1.58	0.40	
	2004	30.81	31.17	2.81	2.81	1.36	0.43	
	2005	4.35	4.57	2.18	2.19	1.16	0.37	
	2006	1.48	1.85	0.70	0.74	0.98	0.31	
	2007	9.35	9.83	0.35	0.37	0.87	0.28	
	2008	61.90	62.44	1.33	1.35	1.46	0.45	
	2009	4.82	5.70	2.17	2.20	1.18	0.38	
	2010	0.80	1.12	0.71	0.81	0.58	0.19	
	Mean	**31.81**	**32.36**	**1.94**	**1.96**	**1.22**	**0.36**	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin (Bundi ka gothara)	1973	78.42	78.66	1.02	1.03	7.63	2.45	
	1974	62.17	62.50	1.28	1.29	8.67	2.86	
	1975	54.45	54.60	1.15	1.15	7.98	2.44	
	1976	39.52	40.17	1.20	1.20	8.18	2.57	
	1977	37.16	37.41	1.41	1.41	8.98	2.97	
	1978	6.16	6.25	1.03	1.03	4.77	1.61	
	1979	38.65	39.56	0.97	0.98	6.95	2.33	
	1980	3.07	3.09	1.23	1.23	5.00	1.87	
	1981	2.94	2.97	0.39	0.40	1.33	0.44	
	1982	3.34	3.38	0.07	0.08	1.27	0.39	
	1983	0.00	0.00	0.00	0.00	0.65	0.21	
	1984	0.00	0.00	0.00	0.00	0.04	0.01	
	1985	0.00	0.00	0.00	0.00	0.01	0.00	
	1986	15.63	15.83	0.33	0.33	3.17	0.98	
	1987	0.00	0.00	0.62	0.63	1.88	0.70	
	1988	0.00	0.00	0.00	0.00	0.06	0.00	
	1989	0.01	0.03	0.00	0.00	0.14	0.04	
	1990	1.17	1.18	0.02	0.02	0.69	0.19	
	1991	7.29	8.10	0.14	0.16	2.94	0.90	
	1992	0.00	0.00	0.02	0.03	1.58	0.57	
	1993	0.00	0.00	0.00	0.00	0.07	0.01	
	1994	41.77	41.89	0.44	0.44	4.73	1.33	
	1995	4.64	4.66	1.03	1.03	4.10	1.48	
	1996	51.31	51.50	0.73	0.73	5.57	1.63	
	1997	1.88	1.91	0.95	0.95	3.71	1.29	
	1998	0.00	0.01	0.15	0.15	0.70	0.23	
	1999	0.88	0.91	0.02	0.02	0.64	0.19	
	2000	2.37	2.46	0.07	0.07	1.47	0.51	
	2001	42.99	43.23	0.62	0.62	5.89	1.93	
	2002	1.02	1.65	0.92	0.94	3.89	1.36	
	2003	106.68	107.08	0.51	0.54	6.03	1.79	
	2004	17.63	17.85	1.23	1.23	6.32	2.08	
	2005	0.00	0.00	0.91	0.91	2.97	1.06	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2006	1.45	1.52	0.06	0.06	0.97	0.30	
	2007	0.31	0.33	0.01	0.01	0.71	0.24	
	2008	0.00	0.00	0.00	0.00	0.17	0.05	
	2009	0.00	0.00	0.00	0.00	0.02	0.00	
	2010	16.19	16.29	0.22	0.22	2.55	0.64	
	Mean	**16.82**	**16.97**	**0.49**	**0.50**	**3.22**	**1.04**	
Chambal Basin (Burdha dam)	1973	79.47	79.56	2.62	2.62	3.14	1.00	
	1974	108.76	109.09	2.56	2.56	3.00	0.97	
	1975	87.46	87.71	2.39	2.39	2.80	0.83	
	1976	28.14	28.29	2.46	2.46	2.54	0.78	
	1977	121.88	122.45	2.54	2.54	3.07	0.98	
	1978	57.37	59.14	2.50	2.50	2.44	0.77	
	1979	1.73	1.79	2.42	2.42	1.30	0.46	
	1980	0.40	0.40	1.92	1.92	0.24	0.09	
	1981	0.00	0.00	1.29	1.29	0.03	0.00	
	1982	23.03	23.17	1.35	1.35	1.60	0.48	
	1983	0.48	0.49	2.26	2.26	1.12	0.38	
	1984	1.07	1.08	1.80	1.80	0.33	0.11	
	1985	0.63	0.64	1.31	1.31	0.22	0.07	
	1986	62.67	63.00	1.59	1.60	1.93	0.60	
	1987	0.15	0.15	2.38	2.38	0.86	0.32	
	1988	33.37	33.58	1.99	1.99	1.89	0.55	
	1989	0.72	0.73	2.34	2.34	1.05	0.38	
	1990	12.37	12.72	1.84	1.85	1.53	0.43	
	1991	63.56	63.79	2.43	2.45	2.50	0.79	
	1992	20.69	20.76	2.56	2.56	2.17	0.70	
	1993	15.52	15.59	2.53	2.53	2.08	0.67	
	1994	65.79	65.85	2.46	2.47	2.56	0.79	
	1995	63.91	64.03	2.56	2.56	2.45	0.79	
	1996	55.67	55.78	2.51	2.52	2.56	0.79	
	1997	29.04	29.43	2.43	2.43	2.62	0.82	
	1998	0.92	0.94	2.34	2.34	1.03	0.37	
	1999	1.09	1.12	1.75	1.75	0.19	0.05	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2000	26.03	28.57	1.89	1.91	1.84	0.63	
	2001	113.24	115.04	2.46	2.46	2.56	0.83	
	2002	0.49	0.51	2.37	2.37	0.88	0.32	
	2003	0.00	0.00	1.65	1.65	0.11	0.03	
	2004	0.23	0.32	1.20	1.21	0.27	0.08	
	2005	0.87	0.88	0.87	0.88	0.25	0.09	
	2006	10.81	10.98	0.83	0.84	1.21	0.36	
	2007	27.36	27.47	1.92	1.93	2.40	0.82	
	2008	12.88	12.94	2.41	2.41	1.95	0.62	
	2009	9.18	9.30	2.51	2.51	1.86	0.62	
	2010	0.50	0.50	2.21	2.21	0.73	0.25	
	Mean	**29.93**	**30.21**	**2.09**	**2.09**	**1.61**	**0.52**	
Chambal Basin (Chhapi)	1973	508.27	508.80			0.77	0.23	
	1974	130.98	131.55			0.70	0.22	
	1975	227.89	228.25			0.74	0.22	
	1976	104.14	104.65			0.66	0.21	
	1977	247.99	248.61			0.76	0.24	
	1978	83.86	84.17			0.58	0.19	
	1979	34.45	34.73			0.35	0.11	
	1980	65.62	65.86			0.26	0.08	
	1981	20.47	20.81			0.23	0.07	
	1982	215.38	215.83			0.63	0.17	
	1983	149.81	150.39			0.70	0.21	
	1984	184.07	184.64			0.61	0.20	
	1985	187.60	188.24			0.67	0.20	
	1986	370.89	371.22			0.78	0.26	
	1987	379.45	380.05			0.63	0.18	
	1988	158.53	159.14			0.77	0.24	
	1989	190.07	190.50			0.68	0.22	
	1990	149.75	150.25			0.76	0.22	
	1991	105.51	105.78			0.66	0.21	
	1992	299.46	299.89			0.73	0.21	
	1993	259.65	260.30			0.82	0.26	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	334.51	335.03			0.76	0.23	
	1995	132.23	132.60			0.63	0.21	
	1996	602.70	603.07			0.73	0.22	
	1997	247.29	247.91			0.78	0.21	
	1998	51.54	52.03			0.77	0.25	
	1999	284.36	284.93			0.71	0.20	
	2000	133.30	133.81			0.67	0.23	
	2001	375.86	376.38			0.71	0.22	
	2002	4.67	4.86			0.27	0.08	
	2003	117.60	117.93			0.52	0.13	
	2004	222.66	223.24			0.70	0.22	
	2005	64.11	64.52	1.65	1.66	0.70	0.24	
	2006	757.22	757.63	2.82	2.84	0.71	0.21	
	2007	51.88	52.40	4.05	4.07	0.68	0.23	
	2008	86.03	86.39	3.19	3.22	0.50	0.15	
	2009	34.85	35.17	2.99	3.00	0.40	0.12	
	2010	63.66	63.89	2.16	2.19	0.41	0.11	
	Mean	**201.01**	**201.46**	**2.81**	**2.83**	**0.63**	**0.19**	
	1973	109.57	111.39			2.55	0.75	
	1974	62.41	64.44			2.73	0.87	
	1975	33.65	35.10			2.52	0.75	
	1976	27.01	28.88			2.52	0.78	
	1977	14.97	16.97			2.44	0.79	
	1978	1.22	1.97			1.85	0.59	
	1979	7.46	9.63			1.41	0.43	
	1980	1.76	2.64			2.33	0.79	
	1981	0.19	0.38			1.09	0.35	
	1982	59.26	61.86			2.31	0.68	
	1983	12.79	14.81			2.92	0.91	
	1984	51.11	52.87			2.72	0.91	
	1985	76.09	78.01			2.34	0.71	
	1986	107.42	108.68			2.54	0.80	
	1987	65.80	67.38			1.85	0.58	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin (Chauli dam)	1988	13.37	15.60			2.38	0.75	
	1989	2.24	3.15			2.31	0.74	
	1990	6.74	8.51			1.97	0.58	
	1991	21.45	23.40			2.10	0.67	
	1992	0.05	0.10			1.90	0.59	
	1993	6.07	7.92			2.75	0.85	
	1994	17.45	18.61			2.50	0.75	
	1995	14.82	17.01			1.72	0.57	
	1996	72.68	74.30			2.29	0.65	
	1997	1.13	1.88			2.33	0.67	
	1998	1.65	2.76			2.70	0.91	
	1999	22.40	24.53			2.46	0.75	
	2000	4.15	5.93			2.12	0.72	
	2001	8.66	10.42			2.21	0.72	
	2002	0.01	0.02			0.57	0.20	
	2003	1.13	1.91			1.05	0.28	
	2004	17.19	19.25			1.80	0.60	
	2005	0.08	0.15			0.97	0.33	
	2006	59.42	61.39	1.89	1.91	1.90	0.56	
	2007	1.23	2.08	5.19	5.21	1.66	0.54	
	2008	0.34	0.61	3.37	3.46	0.90	0.32	
	2009	0.19	0.37	2.18	2.27	0.52	0.16	
	2010	0.94	1.62	1.36	1.45	1.36	0.42	
	Mean	**23.79**	**25.17**	**2.80**	**2.86**	**2.02**	**0.63**	
	1973	65.77	68.74	0.91	0.92	3.31	1.03	
	1974	60.49	60.61	1.56	1.56	4.22	1.39	
	1975	92.94	95.68	1.48	1.48	4.18	1.29	
	1976	20.50	21.04	1.47	1.48	3.58	1.11	
	1977	68.98	69.85	1.65	1.66	4.74	1.58	
	1978	35.82	35.99	1.45	1.45	3.58	1.12	
	1979	14.72	15.09	1.51	1.51	3.97	1.37	
	1980	0.28	0.32	1.21	1.21	1.60	0.58	
	1981	25.53	27.85	0.86	0.89	3.05	0.97	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin (Dugari dam)	1982	4.56	4.64	1.26	1.26	2.41	0.79	
	1983	8.70	8.96	0.85	0.87	2.68	0.82	
	1984	0.00	0.00	0.76	0.79	1.23	0.47	
	1985	0.00	0.00	0.02	0.02	0.06	0.01	
	1986	0.00	0.01	0.00	0.00	0.03	0.01	
	1987	0.00	0.00	0.00	0.00	0.01	0.00	
	1988	0.00	0.00	0.00	0.00	0.00	0.00	
	1989	0.00	0.00	0.00	0.00	0.00	0.00	
	1990	0.05	0.08	0.00	0.00	0.11	0.04	
	1991	16.21	16.26	0.37	0.37	1.90	0.56	
	1992	9.89	9.99	1.16	1.17	2.89	0.94	
	1993	0.02	0.03	1.00	1.01	1.41	0.50	
	1994	26.78	27.16	0.64	0.65	2.56	0.74	
	1995	17.66	17.75	1.43	1.43	3.33	1.10	
	1996	2.01	2.05	1.23	1.23	1.95	0.68	
	1997	1.62	1.66	0.51	0.51	1.43	0.43	
	1998	0.00	0.00	0.02	0.02	0.58	0.21	
	1999	10.17	10.46	0.27	0.28	2.14	0.63	
	2000	21.95	22.59	0.92	0.95	3.55	1.20	
	2001	11.33	11.94	1.44	1.45	3.60	1.20	
	2002	0.00	0.00	1.16	1.17	1.07	0.40	
	2003	0.02	0.03	0.24	0.24	0.09	0.02	
	2004	14.33	14.42	0.33	0.33	1.85	0.54	
	2005	0.51	0.56	0.79	0.80	1.60	0.55	
	2006	3.91	3.96	0.16	0.17	1.36	0.43	
	2007	5.89	6.14	0.17	0.18	2.18	0.74	
	2008	0.00	0.00	0.03	0.04	0.89	0.32	
	2009	0.00	0.00	0.00	0.00	0.04	0.01	
	2010	1.70	1.74	0.03	0.03	0.35	0.09	
	Mean	**14.27**	**14.62**	**0.71**	**0.71**	**1.93**	**0.63**	
	1973	753.85	755.19			2.05	0.58	
	1974	197.83	199.80			2.04	0.69	
	1975	153.50	155.45			2.07	0.62	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin (Gagrain)	1976	147.92	149.56			2.19	0.68	
	1977	51.25	52.46			1.88	0.61	
	1978	126.95	128.31			1.92	0.63	
	1979	0.42	0.71			0.84	0.29	
	1980	13.59	14.53			0.71	0.23	
	1981	6.43	7.43			0.83	0.26	
	1982	43.30	44.66			1.46	0.46	
	1983	99.29	101.27			1.87	0.57	
	1984	80.49	81.60			1.86	0.62	
	1985	47.47	48.34			1.74	0.57	
	1986	224.14	225.67			1.98	0.66	
	1987	42.67	43.67			1.39	0.47	
	1988	0.24	0.40			0.67	0.25	
	1989	1.70	2.14			0.37	0.12	
	1990	45.36	46.63			1.02	0.32	
	1991	56.09	57.40			1.32	0.43	
	1992	2.88	3.47			0.74	0.24	
	1993	22.72	24.01			1.14	0.37	
	1994	85.02	86.60			1.59	0.49	
	1995	125.89	127.69			1.76	0.58	
	1996	110.91	111.79			1.91	0.60	
	1997	74.02	75.96			2.15	0.67	
	1998	9.29	10.25			1.53	0.54	
	1999	159.44	161.08			1.91	0.56	
	2000	50.97	52.90			1.82	0.67	
	2001	45.95	47.36			1.47	0.50	
	2002	16.52	17.48			0.96	0.32	
	2003	12.44	13.29			0.69	0.22	
	2004	176.54	178.59			1.67	0.53	
	2005	6.53	7.46			1.23	0.42	
	2006	201.43	202.76			1.76	0.52	
	2007	73.77	75.30			2.17	0.75	
	2008	12.82	13.91			1.30	0.44	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2009	70.58	72.18			1.73	0.55	
	2010	4.40	5.17			1.24	0.42	
	Mean	**88.28**	**89.54**	-	-	**1.50**	**0.49**	
Chambal Basin (Galwaniya)	1973	147.23	147.83	4.93	4.93	2.28	0.76	
	1974	120.72	120.87	5.62	5.62	2.37	0.81	
	1975	126.08	126.28	4.72	4.74	2.36	0.74	
	1976	84.69	85.51	5.32	5.36	2.15	0.70	
	1977	152.40	152.34	5.43	5.47	2.22	0.70	
	1978	75.53	76.47	5.58	5.60	2.31	0.78	
	1979	103.30	104.12	5.38	5.39	2.39	0.78	
	1980	52.27	53.33	5.47	5.54	2.16	0.77	
	1981	154.46	154.27	5.25	5.26	1.96	0.65	
	1982	54.35	55.49	5.07	5.14	2.03	0.69	
	1983	70.16	71.05	4.53	4.56	2.17	0.65	
	1984	28.39	29.93	3.70	3.85	1.96	0.64	
	1985	19.62	20.15	3.35	3.44	1.92	0.63	
	1986	0.30	0.30	0.10	0.11	0.82	0.31	
	1987	13.17	13.70	1.74	1.85	1.11	0.32	
	1988	32.22	33.08	4.17	4.22	2.09	0.69	
	1989	28.05	28.60	4.53	4.59	2.11	0.73	
	1990	84.40	85.33	5.50	5.55	2.11	0.70	
	1991	106.06	106.50	4.91	4.93	2.03	0.67	
	1992	43.66	43.69	4.61	4.62	2.08	0.69	
	1993	41.26	42.87	4.32	4.34	1.95	0.64	
	1994	79.86	80.59	4.81	4.83	2.13	0.70	
	1995	130.69	130.81	5.12	5.16	2.10	0.68	
	1996	1.54	1.54	0.48	0.48	0.86	0.33	
	1997	0.00	0.00	0.00	0.00	0.04	0.01	
	1998	49.99	51.51	5.05	5.14	1.45	0.47	
	1999	35.00	35.31	4.14	4.17	2.14	0.73	
	2000	45.95	47.24	4.81	4.88	2.11	0.74	
	2001	39.94	40.75	5.19	5.25	2.20	0.76	
	2002	1.47	1.60	0.12	0.13	0.82	0.31	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	53.96	55.33	4.30	4.33	1.44	0.43	
	2004	42.15	43.02	4.11	4.14	1.96	0.67	
	2005	24.50	24.95	4.43	4.48	2.06	0.71	
	2006	36.49	37.70	4.27	4.33	1.97	0.65	
	2007	32.06	32.77	4.95	5.01	2.18	0.77	
	2008	18.47	18.90	3.55	3.64	2.10	0.72	
	2009	15.54	16.26	2.92	3.11	1.89	0.64	
	2010	41.10	42.61	4.20	4.27	1.95	0.63	
	Mean	**57.55**	**58.23**	**4.12**	**4.17**	**1.89**	**0.63**	
Chambal Basin (Gopalpura dam)	1973	39.87	40.04			2.61	0.76	
	1974	183.47	184.55			2.44	0.82	
	1975	65.70	66.85			2.41	0.63	
	1976	25.37	25.52			2.28	0.66	
	1977	129.99	131.56			2.54	0.77	
	1978	29.46	29.56			2.39	0.71	
	1979	33.54	34.06			2.41	0.69	
	1980	138.48	140.00	1.22	1.23	2.81	0.80	
	1981	86.24	87.60	1.55	1.56	2.59	0.80	
	1982	17.96	18.28	0.72	0.73	2.31	0.65	
	1983	70.73	72.08	1.07	1.09	2.74	0.81	
	1984	136.58	138.15	1.66	1.66	2.65	0.80	
	1985	91.80	93.11	1.29	1.29	2.70	0.71	
	1986	88.83	90.77	1.42	1.43	2.61	0.74	
	1987	6.82	7.06	0.60	0.61	1.82	0.55	
	1988	67.40	68.18	0.94	0.95	2.40	0.67	
	1989	92.73	94.47	1.50	1.51	2.57	0.77	
	1990	162.50	164.14	1.57	1.57	2.49	0.73	
	1991	48.40	48.63	1.35	1.35	2.45	0.69	
	1992	68.94	70.19	1.32	1.33	2.60	0.76	
	1993	168.98	170.25	1.68	1.69	2.65	0.80	
	1994	207.82	208.65	1.67	1.68	2.59	0.82	
	1995	183.81	184.89	1.76	1.77	2.51	0.83	
	1996	154.84	156.14	1.34	1.35	2.60	0.70	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	136.63	138.02	1.44	1.44	2.57	0.69	
	1998	86.86	87.95	1.53	1.54	2.49	0.75	
	1999	164.63	166.14	1.61	1.61	2.53	0.79	
	2000	160.73	162.10	1.81	1.81	2.54	0.87	
	2001	253.02	254.47	1.81	1.81	2.55	0.83	
	2002	107.65	108.73	1.42	1.43	2.43	0.71	
	2003	123.56	125.02	1.31	1.31	2.65	0.68	
	2004	30.75	30.98	1.34	1.35	2.44	0.80	
	2005	74.14	75.92	1.53	1.56	2.56	0.84	
	2006	3.36	3.36	0.42	0.43	1.29	0.43	
	2007	40.18	42.05	1.03	1.07	2.23	0.75	
	2008	189.39	190.75	1.68	1.69	2.70	0.86	
	2009	55.58	57.42	1.65	1.66	2.57	0.84	
	2010	4.49	5.04	0.55	0.58	2.07	0.70	
	Mean	**98.19**	**99.28**	**1.35**	**1.36**	**2.47**	**0.74**	
	1973	430.33	438.75	2.94	2.99	10.78	3.07	
	1974	147.38	158.88	5.28	5.34	12.82	4.26	
	1975	154.17	154.64	4.64	4.64	13.50	4.03	
	1976	320.85	326.83	5.04	5.05	14.30	4.38	
	1977	318.79	320.67	7.03	7.03	17.03	5.59	
	1978	221.59	233.39	4.85	4.87	11.13	3.61	
	1979	277.21	284.83	5.78	5.82	13.97	4.68	
	1980	17.37	17.52	4.13	4.15	9.62	3.52	
	1981	21.26	21.68	0.56	0.57	6.56	2.15	
	1982	355.38	365.20	2.96	3.02	12.52	3.73	
	1983	130.72	131.82	5.79	5.80	14.90	4.91	
	1984	196.60	204.24	4.93	4.94	12.46	4.04	
	1985	9.05	9.22	3.19	3.20	6.57	2.24	
	1986	791.11	798.15	3.44	3.45	10.83	3.42	
	1987	116.51	124.50	4.80	4.87	10.88	3.55	
	1988	119.80	122.17	5.36	5.38	13.56	4.60	
	1989	331.66	338.16	5.51	5.57	13.85	4.67	
	1990	562.84	572.49	5.55	5.59	13.57	4.38	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin (Gudha dam)	1991	639.77	646.36	5.69	5.72	13.37	4.30	
	1992	354.91	364.30	5.61	5.65	13.52	4.23	
	1993	292.95	301.32	5.83	5.88	14.27	4.80	
	1994	793.55	799.44	5.68	5.69	13.93	4.30	
	1995	528.52	535.77	5.57	5.60	13.08	4.10	
	1996	485.52	492.40	5.28	5.31	13.03	3.98	
	1997	505.06	514.23	5.53	5.53	13.44	4.18	
	1998	70.60	71.97	4.53	4.57	12.07	3.92	
	1999	223.79	233.16	4.87	5.00	13.77	4.51	
	2000	530.69	540.58	5.76	5.76	12.63	4.40	
	2001	530.34	538.34	5.87	5.87	14.25	4.66	
	2002	8.70	9.26	3.18	3.20	7.34	2.57	
	2003	158.61	167.21	2.31	2.44	11.29	3.37	
	2004	567.53	576.41	5.62	5.63	14.20	4.65	
	2005	138.14	138.82	5.52	5.53	13.80	4.48	
	2006	403.59	409.63	5.20	5.22	13.50	4.35	
	2007	108.19	108.88	5.89	5.90	13.25	4.74	
	2008	106.15	108.16	4.35	4.39	12.55	3.95	
	2009	203.33	205.04	5.52	5.53	13.84	4.60	
	2010	273.19	279.11	4.84	4.87	13.07	3.98	
	Mean	**301.20**	**306.94**	**4.85**	**4.88**	**12.61**	**4.08**	
	1973	9863.86	9887.42	0.01	0.01	38.62	11.73	10860.88
	1974	3890.24	3911.04	0.01	0.01	38.11	12.56	4250.54
	1975	3266.99	3280.01	0.01	0.01	38.82	11.82	3554.50
	1976	2583.03	2601.09	0.01	0.01	31.08	10.25	2842.85
	1977	1482.38	1496.09	0.01	0.01	33.01	10.65	1608.54
	1978	1656.67	1670.14	0.01	0.01	30.16	9.76	1826.21
	1979	302.80	319.38	0.01	0.01	23.79	7.91	324.50
	1980	419.34	431.16	0.01	0.01	20.24	7.04	453.34
	1981	159.92	170.98	0.01	0.01	15.35	4.89	187.54
	1982	1900.86	1922.51	0.01	0.01	32.58	9.85	2088.38
	1983	2029.71	2050.87	0.01	0.01	36.28	11.55	2175.26
	1984	2127.61	2145.59	0.01	0.01	32.40	10.77	2300.66

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin *(Harishchandra sagar)	1985	2235.18	2259.66	0.01	0.01	36.36	11.30	2550.51
	1986	4993.98	5019.78	0.01	0.01	39.42	13.11	5564.05
	1987	2119.52	2149.87	0.01	0.01	30.96	9.81	2306.01
	1988	557.71	574.50	0.01	0.01	35.78	11.72	606.79
	1989	315.78	321.66	0.01	0.01	19.28	6.68	325.34
	1990	1136.21	1150.77	0.01	0.01	25.91	7.57	1223.59
	1991	1695.64	1706.68	0.01	0.01	34.06	10.99	1835.26
	1992	257.57	270.41	0.01	0.01	31.31	9.83	311.90
	1993	1151.93	1176.13	0.01	0.01	40.81	13.20	1265.34
	1994	2329.67	2351.82	0.01	0.01	39.59	12.16	2547.62
	1995	2140.30	2156.52	0.01	0.01	26.95	8.95	2305.45
	1996	3580.71	3602.36	0.01	0.01	35.57	10.70	4016.55
	1997	1738.48	1760.78	0.01	0.01	39.65	12.26	1882.69
	1998	273.81	287.12	0.01	0.01	27.61	9.69	299.35
	1999	3086.21	3118.25	0.01	0.01	34.25	10.31	3392.35
	2000	1335.22	1367.05	0.01	0.01	34.59	12.22	1472.09
	2001	1627.21	1653.77	0.01	0.01	35.70	12.05	1805.49
	2002	264.74	268.94	0.01	0.01	12.79	4.53	282.46
	2003	421.72	433.07	0.01	0.01	16.74	4.80	449.90
	2004	3276.64	3303.89	0.01	0.01	28.70	9.50	3582.18
	2005	186.49	193.90	0.01	0.01	24.13	8.20	201.65
	2006	4004.71	4034.44	0.01	0.01	31.52	9.69	4441.17
	2007	1525.42	1548.53	0.01	0.01	30.96	10.77	1646.53
	2008	275.14	284.81	0.01	0.01	19.53	6.38	307.94
	2009	1040.48	1048.32	0.01	0.01	16.70	5.50	1122.06
	2010	275.26	289.22	0.01	0.01	22.75	7.23	316.19
	Mean	**1882.35**	**1900.49**	**0.01**	**0.01**	**30.05**	**9.68**	**2066.68**
	1973	447.16	449.76	1.76	1.77	16.70	4.92	17207.96
	1974	206.24	222.31	5.24	5.25	18.10	6.20	4970.27
	1975	0.00	0.00	4.97	4.97	11.81	3.73	3246.21
	1976	336.59	344.33	5.07	5.07	18.37	5.51	8887.24
	1977	3.41	4.46	5.52	5.52	18.51	6.33	4570.31
	1978	140.35	154.01	5.07	5.07	14.38	4.55	6996.86

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin *(Jawahar sagar dam)	1979	0.00	0.00	5.34	5.35	12.58	4.26	2088.12
	1980	8.57	13.66	5.65	5.66	7.42	2.75	1986.52
	1981	0.00	0.00	5.24	5.24	1.27	0.41	2705.76
	1982	222.90	225.17	5.35	5.35	14.59	4.29	2020.92
	1983	0.11	0.11	5.28	5.29	16.21	5.48	1768.54
	1984	28.25	34.99	5.40	5.40	13.09	4.23	6426.16
	1985	44.38	45.16	5.27	5.27	12.11	4.04	1596.83
	1986	473.04	483.75	5.34	5.34	18.16	6.03	7512.44
	1987	0.00	0.00	5.37	5.37	11.47	3.96	2570.45
	1988	0.00	0.00	5.32	5.33	7.24	2.50	4816.50
	1989	11.92	12.18	5.34	5.34	10.59	3.38	1905.66
	1990	195.83	209.76	5.10	5.10	16.54	5.22	6292.46
	1991	159.60	159.94	5.38	5.39	17.21	5.56	3790.19
	1992	108.86	109.12	5.38	5.39	18.55	5.88	1612.03
	1993	39.59	41.72	5.27	5.27	19.23	6.53	4838.62
	1994	569.26	589.89	5.01	5.01	22.03	6.90	11959.29
	1995	511.55	510.56	5.24	5.24	19.48	6.34	6535.49
	1996	580.57	585.58	5.13	5.13	19.87	6.20	9312.66
	1997	51.23	57.11	5.07	5.07	18.45	5.99	6835.90
	1998	0.00	0.00	5.49	5.49	8.40	2.96	4040.99
	1999	0.00	0.00	5.35	5.35	7.90	2.48	3539.25
	2000	0.00	0.00	5.40	5.40	13.62	4.82	401.81
	2001	73.92	74.19	5.07	5.07	18.94	6.28	1544.97
	2002	0.00	0.00	5.11	5.11	7.06	2.58	907.95
	2003	34.47	40.18	5.00	5.00	8.22	2.41	3435.52
	2004	625.65	642.14	5.35	5.36	18.12	5.82	5863.66
	2005	143.83	148.83	5.27	5.27	15.30	5.13	2963.00
	2006	1061.04	1067.86	5.02	5.02	18.22	5.81	9911.63
	2007	61.87	62.14	5.38	5.38	15.58	5.44	2856.69
	2008	261.27	262.83	4.79	4.82	13.13	4.17	5189.48
	2009	17.95	18.21	5.41	5.42	10.25	3.68	1690.79
	2010	463.90	465.08	5.12	5.12	13.07	3.91	5356.29
	Mean	**181.14**	**185.13**	**5.15**	**5.16**	**14.26**	**4.65**	**4740.93**

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin *(Kota barrage)	1973	88.39	88.39	1.03	1.03	0.98	0.31	17177.91
	1974	33.35	33.35	0.85	0.85	0.93	0.30	5000.28
	1975	29.06	29.32	0.73	0.73	0.85	0.24	3262.20
	1976	5.36	5.36	1.08	1.09	0.72	0.22	8860.65
	1977	50.67	50.67	0.98	0.98	0.91	0.29	4608.36
	1978	66.96	69.64	0.97	0.97	0.70	0.22	6991.79
	1979	0.00	0.00	1.00	1.00	0.35	0.13	2059.49
	1980	18.21	19.28	1.00	1.00	0.05	0.01	1965.68
	1981	0.00	0.00	0.92	0.92	0.00	0.00	2676.03
	1982	0.00	0.00	1.04	1.04	0.43	0.12	1997.04
	1983	0.00	0.00	0.78	0.78	0.26	0.09	1744.98
	1984	0.00	0.00	0.85	0.85	0.09	0.02	6398.41
	1985	0.00	0.00	0.86	0.86	0.05	0.01	1569.73
	1986	18.75	18.75	1.00	1.00	0.60	0.18	7514.23
	1987	0.00	0.00	0.76	0.76	0.24	0.08	2543.30
	1988	0.78	1.04	0.97	0.98	0.59	0.17	4796.00
	1989	0.00	0.00	0.85	0.85	0.27	0.09	1879.98
	1990	34.82	34.82	0.95	0.95	0.45	0.13	6265.37
	1991	38.54	38.82	0.97	0.97	0.76	0.23	3784.71
	1992	0.00	0.00	0.78	0.79	0.51	0.16	1589.13
	1993	0.01	0.01	1.14	1.14	0.39	0.12	4812.76
	1994	13.39	10.71	1.08	1.08	0.65	0.19	11951.39
	1995	18.50	21.36	0.98	0.98	0.76	0.24	6539.51
	1996	7.68	5.09	0.87	0.87	0.80	0.24	9312.72
	1997	8.03	8.57	1.03	1.03	0.76	0.24	6813.44
	1998	0.00	0.00	1.18	1.18	0.22	0.08	4014.45
	1999	0.00	0.27	0.98	0.98	0.02	0.00	3512.36
	2000	0.00	0.01	1.15	1.15	0.54	0.19	391.31
	2001	26.61	27.12	1.25	1.25	0.75	0.25	1570.06
	2002	0.00	0.00	0.74	0.75	0.24	0.09	886.60
	2003	9.07	8.81	0.99	0.99	0.03	0.01	3406.68
	2004	0.00	0.00	0.89	0.89	0.10	0.03	5839.19
	2005	0.00	0.00	1.07	1.07	0.12	0.03	2934.65

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2006	8.04	8.03	0.99	0.99	0.37	0.11	9890.94
	2007	3.29	3.30	1.20	1.20	0.62	0.20	2841.35
	2008	0.00	0.00	0.94	0.95	0.37	0.12	5160.31
	2009	0.00	0.00	1.09	1.11	0.33	0.11	1665.06
	2010	24.11	21.43	1.02	1.03	0.10	0.03	5326.72
	Mean	**13.25**	**13.27**	**0.97**	**0.97**	**0.45**	**0.14**	**4725.13**
Chambal Basin (Lhasi)	1973	36.87	36.97			0.45	0.13	
	1974	25.77	25.83			0.56	0.18	
	1975	33.93	34.01			0.49	0.14	
	1976	10.96	10.97			0.25	0.08	
	1977	18.03	18.15			0.32	0.09	
	1978	21.75	21.79			0.41	0.13	
	1979	4.63	4.63			0.17	0.06	
	1980	15.06	15.13			0.16	0.05	
	1981	27.54	27.93			0.47	0.13	
	1982	49.81	50.01			0.54	0.17	
	1983	14.58	14.63			0.31	0.10	
	1984	16.12	16.13			0.21	0.06	
	1985	51.67	52.03			0.47	0.13	
	1986	36.13	36.38			0.58	0.19	
	1987	37.58	37.88			0.46	0.14	
	1988	24.29	24.33			0.55	0.17	
	1989	11.49	11.52			0.24	0.08	
	1990	15.58	15.66			0.28	0.08	
	1991	38.01	38.14			0.53	0.16	
	1992	10.10	10.12			0.21	0.07	
	1993	27.77	28.15			0.30	0.08	
	1994	29.35	29.68			0.58	0.17	
	1995	32.99	33.07			0.53	0.17	
	1996	35.76	35.93			0.52	0.16	
	1997	21.63	21.91			0.50	0.15	
	1998	21.62	21.72			0.60	0.20	
	1999	33.04	33.42			0.54	0.15	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2000	33.33	33.70			0.50	0.17	
	2001	18.06	18.22			0.38	0.13	
	2002	0.34	0.34			0.11	0.04	
	2003	13.63	13.67			0.10	0.03	
	2004	25.35	25.59			0.36	0.11	
	2005	26.77	26.85			0.56	0.18	
	2006	17.61	17.72			0.38	0.12	
	2007	16.95	17.11			0.40	0.14	
	2008	26.79	26.87			0.47	0.14	
	2009	20.55	20.64			0.48	0.15	
	2010	11.86	11.86			0.28	0.09	
	Mean	**24.03**	**24.18**	-	-	**0.40**	**0.12**	
Chambal Basin (Mansarovar)	1973	56.86	57.16	2.38	2.38	0.41	0.12	
	1974	48.89	49.20	2.57	2.57	0.42	0.13	
	1975	75.73	76.00	2.24	2.25	0.41	0.12	
	1976	24.28	24.74	2.67	2.69	0.39	0.12	
	1977	54.66	55.07	2.27	2.28	0.39	0.11	
	1978	45.46	45.74	2.52	2.53	0.35	0.10	
	1979	33.09	33.42	2.65	2.66	0.34	0.11	
	1980	22.48	22.80	2.24	2.25	0.33	0.10	
	1981	18.89	19.14	2.30	2.31	0.34	0.11	
	1982	6.05	6.31	1.39	1.41	0.29	0.09	
	1983	33.40	33.80	1.23	1.25	0.38	0.11	
	1984	3.89	4.11	1.54	1.56	0.28	0.09	
	1985	6.15	6.46	0.43	0.46	0.25	0.08	
	1986	24.62	25.16	1.33	1.35	0.38	0.12	
	1987	5.63	5.89	1.58	1.60	0.30	0.10	
	1988	72.44	72.74	1.68	1.69	0.33	0.10	
	1989	20.27	20.61	2.45	2.46	0.33	0.11	
	1990	18.14	18.47	2.66	2.67	0.35	0.12	
	1991	87.13	87.40	2.03	2.04	0.30	0.09	
	1992	25.96	26.23	2.42	2.42	0.37	0.11	
	1993	6.75	7.06	1.61	1.64	0.34	0.11	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	38.74	39.08	1.55	1.56	0.33	0.10	
	1995	58.30	58.55	2.37	2.38	0.34	0.10	
	1996	29.77	30.06	2.37	2.38	0.34	0.10	
	1997	27.97	28.31	2.18	2.19	0.38	0.11	
	1998	32.23	32.55	2.33	2.33	0.40	0.12	
	1999	18.62	18.91	2.19	2.20	0.37	0.11	
	2000	4.34	4.60	1.55	1.57	0.28	0.09	
	2001	2.15	2.34	0.18	0.19	0.17	0.05	
	2002	2.26	2.44	0.20	0.21	0.15	0.05	
	2003	3.52	3.73	0.26	0.28	0.17	0.06	
	2004	15.95	16.31	0.94	0.97	0.27	0.09	
	2005	21.68	22.10	2.14	2.19	0.34	0.12	
	2006	29.04	29.42	2.23	2.24	0.34	0.10	
	2007	5.45	5.71	1.67	1.69	0.30	0.10	
	2008	16.01	16.39	1.20	1.24	0.31	0.10	
	2009	3.51	3.73	0.80	0.87	0.22	0.07	
	2010	7.35	7.64	0.50	0.53	0.25	0.08	
	Mean	**26.52**	**26.83**	**1.76**	**1.78**	**0.32**	**0.10**	
	1973	225.22	230.56			7.23	2.35	5399.59
	1974	131.54	133.64			6.28	2.06	1833.50
	1975	349.64	353.40			6.22	1.75	2266.17
	1976	137.94	143.17			6.53	2.14	916.97
	1977	22.64	26.97			5.73	1.77	2179.49
	1978	90.06	92.11			6.35	2.00	977.15
	1979	0.00	0.00			1.86	0.68	410.55
	1980	0.00	0.80			1.65	0.52	801.88
	1981	141.83	149.06			5.55	1.60	333.01
	1982	299.38	302.37			6.28	1.91	3415.58
	1983	57.11	60.69			5.66	1.72	1639.84
	1984	211.18	216.21			5.27	1.65	2028.18
	1985	40.88	43.02			5.29	1.64	2666.18
	1986	185.18	189.50			5.75	1.86	3899.12
	1987	64.95	71.78			5.43	1.70	3854.30

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin *(Parwan lift)	1988	6.36	6.36			5.54	1.84	1288.82
	1989	0.00	0.54			2.87	0.97	1742.21
	1990	12.96	16.08			3.82	1.12	1690.09
	1991	72.65	76.94			5.65	1.73	1379.01
	1992	1.84	4.48			4.40	1.39	2176.13
	1993	23.85	28.51			4.33	1.38	2343.76
	1994	168.98	172.25			6.34	1.82	2967.66
	1995	128.41	130.74			5.52	1.73	1544.65
	1996	203.49	205.12			5.51	1.64	5525.94
	1997	33.89	37.70			6.28	1.82	2097.17
	1998	26.66	31.96			7.18	2.35	604.54
	1999	38.70	42.18			5.78	1.73	2998.85
	2000	30.00	34.82			5.11	1.76	1495.43
	2001	108.24	113.13	0.01	0.01	6.00	1.89	3197.57
	2002	0.00	0.00	0.01	0.01	1.96	0.73	54.60
	2003	1.32	3.43	0.01	0.01	2.36	0.64	922.30
	2004	58.48	60.97	0.01	0.01	4.95	1.56	2004.20
	2005	0.00	0.00	0.01	0.01	2.34	0.79	563.21
	2006	8.39	12.11	0.01	0.01	3.45	1.08	6516.86
	2007	11.53	15.11	0.01	0.01	5.57	1.88	515.17
	2008	11.18	15.58	0.01	0.01	5.95	1.93	603.67
	2009	10.52	14.42	0.01	0.01	4.13	1.35	422.83
	2010	1.30	3.58	0.01	0.01	3.44	1.11	450.72
	Mean	**76.74**	**79.98**	**0.01**	**0.01**	**4.99**	**1.57**	**1992.81**
	1973	4670.14	4674.61	0.00	0.00	7.15	2.09	5178.42
	1974	1574.92	1580.20	0.00	0.00	6.51	2.06	1705.91
	1975	1692.67	1695.18	0.00	0.00	7.28	2.12	1920.34
	1976	676.87	677.97	0.01	0.01	5.73	1.83	781.01
	1977	1910.19	1914.91	0.00	0.00	6.77	2.04	2158.18
	1978	805.98	807.12	0.00	0.00	6.47	1.98	889.83
	1979	385.42	389.24	0.01	0.01	5.63	1.77	419.88
	1980	742.54	746.76	0.01	0.00	6.29	2.04	808.16
	1981	170.71	171.74	0.00	0.00	3.80	1.22	191.17

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin *(Parwan pick up weir)	1982	2902.26	2907.12	0.00	0.00	6.93	1.96	3117.63
	1983	1434.17	1438.14	0.00	0.00	8.03	2.37	1583.95
	1984	1633.06	1638.22	0.00	0.00	6.54	2.07	1817.13
	1985	2439.56	2444.99	0.00	0.00	7.14	2.09	2627.17
	1986	3347.46	3351.67	0.00	0.00	7.91	2.59	3718.35
	1987	3410.13	3415.37	0.00	0.00	6.09	1.87	3789.58
	1988	1126.21	1128.66	0.00	0.00	6.77	2.15	1284.71
	1989	1558.55	1561.57	0.00	0.00	5.67	1.80	1748.62
	1990	1532.91	1537.42	0.00	0.00	7.31	2.14	1682.64
	1991	1201.97	1204.64	0.00	0.00	7.54	2.30	1307.48
	1992	1877.55	1878.68	0.00	0.00	6.42	2.04	2177.02
	1993	2068.18	2072.39	0.00	0.00	6.67	2.09	2327.80
	1994	2465.89	2468.91	0.00	0.00	7.79	2.33	2800.19
	1995	1285.30	1286.98	0.00	0.00	6.33	2.00	1417.51
	1996	4720.18	4725.32	0.00	0.00	7.13	2.16	5322.83
	1997	1816.80	1822.62	0.00	0.00	6.95	2.02	2064.10
	1998	528.49	532.78	0.01	0.01	8.39	2.78	580.03
	1999	2676.81	2684.11	0.00	0.00	9.45	2.78	2961.16
	2000	1335.87	1343.73	0.00	0.00	9.05	3.11	1469.17
	2001	2715.03	2720.41	0.00	0.00	9.42	2.99	3090.90
	2002	54.64	55.84	0.00	0.00	4.58	1.58	59.32
	2003	808.89	811.70	0.00	0.00	4.60	1.35	926.48
	2004	1724.32	1728.31	0.00	0.00	7.43	2.39	1946.72
	2005	504.78	509.17	0.00	0.00	7.09	2.37	568.89
	2006	5756.77	5763.45	0.00	0.00	8.38	2.56	6513.98
	2007	453.77	455.96	0.00	0.00	7.13	2.43	505.46
	2008	510.37	512.35	0.00	0.00	4.62	1.44	596.41
	2009	380.42	384.25	0.00	0.00	5.51	1.70	415.27
	2010	389.84	391.47	0.00	0.00	4.95	1.55	453.49
	Mean	**1718.15**	**1721.95**	**0.00**	**0.00**	**6.78**	**2.11**	**1919.13**
	1973	4738.15	4745.49	0.00	0.00	11.58	3.28	4841.10
	1974	1923.79	1927.78	0.00	0.00	14.81	4.75	1959.87
	1975	1340.61	1344.49	0.00	0.00	13.98	4.03	1405.60

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Chambal Basin *(Parwati pick up weir)	1976	481.33	483.44	0.00	0.00	9.40	3.13	492.57
	1977	1457.83	1464.33	0.00	0.00	10.40	3.19	1468.00
	1978	726.80	729.37	0.00	0.00	11.44	3.41	747.81
	1979	457.16	458.16	0.00	0.00	5.02	1.73	457.47
	1980	1363.30	1368.12	0.00	0.00	7.12	2.23	1379.16
	1981	609.62	623.05	0.00	0.00	12.96	3.95	635.46
	1982	4800.53	4811.22	0.00	0.00	14.16	4.45	4912.87
	1983	1919.15	1921.86	0.00	0.00	10.45	3.21	1954.59
	1984	1804.37	1807.12	0.00	0.00	8.80	2.76	1838.29
	1985	3961.25	3972.88	0.00	0.00	13.05	3.83	4066.46
	1986	3531.61	3541.16	0.00	0.00	14.53	4.66	3620.98
	1987	3393.24	3404.23	0.00	0.00	12.34	3.84	3448.81
	1988	900.13	902.68	0.00	0.00	14.83	4.69	927.85
	1989	1050.21	1050.79	0.00	0.00	7.07	2.33	1050.43
	1990	2160.82	2167.87	0.00	0.00	9.02	2.57	2198.59
	1991	1788.06	1795.51	0.00	0.00	13.80	4.18	1863.59
	1992	296.01	297.80	0.00	0.00	7.00	2.29	300.04
	1993	2183.90	2196.48	0.00	0.00	10.29	3.08	2244.31
	1994	1799.54	1808.90	0.00	0.00	15.73	4.76	1863.07
	1995	1688.30	1691.65	0.00	0.00	13.73	4.26	1763.45
	1996	3749.51	3757.77	0.00	0.00	13.44	4.07	3845.54
	1997	1772.03	1784.05	0.00	0.00	13.68	4.03	1804.57
	1998	1115.25	1120.42	0.01	0.00	16.79	5.52	1148.58
	1999	2499.09	2510.00	0.00	0.00	14.71	4.27	2542.81
	2000	2136.65	2148.16	0.00	0.00	13.60	4.56	2193.25
	2001	1075.61	1081.89	0.00	0.00	10.96	3.51	1089.99
	2002	113.05	114.36	0.00	0.00	4.48	1.53	115.89
	2003	946.31	950.62	0.00	0.00	6.12	1.69	968.88
	2004	1456.13	1466.69	0.00	0.00	11.24	3.50	1496.15
	2005	866.22	869.71	0.00	0.00	14.20	4.44	900.13
	2006	3345.91	3349.71	0.00	0.00	11.23	3.60	3372.66
	2007	670.92	676.19	0.00	0.00	11.47	3.83	677.75
	2008	933.34	939.18	0.00	0.00	13.57	4.12	961.06

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	903.98	908.25	0.00	0.00	12.77	4.06	915.46
	2010	462.63	464.62	0.00	0.00	9.47	3.05	464.19
	Mean	**1747.96**	**1754.11**	**0.00**	**0.00**	**11.56**	**3.59**	**1787.82**
Chambal Basin (Piplad)	1973	30.83	31.20			0.61	0.18	
	1974	35.49	36.11			0.63	0.21	
	1975	12.11	12.45			0.59	0.19	
	1976	31.35	31.76			0.63	0.20	
	1977	15.93	16.58			0.64	0.21	
	1978	13.62	14.06			0.66	0.22	
	1979	0.38	0.54			0.30	0.11	
	1980	5.56	5.86			0.35	0.12	
	1981	1.24	1.54			0.28	0.09	
	1982	24.65	25.27			0.61	0.19	
	1983	6.29	6.70			0.62	0.20	
	1984	10.79	11.22			0.59	0.20	
	1985	60.74	61.28			0.61	0.19	
	1986	68.35	68.77			0.63	0.22	
	1987	13.86	14.32			0.56	0.18	
	1988	8.48	9.16			0.78	0.26	
	1989	5.62	5.98			0.61	0.19	
	1990	6.87	7.29			0.57	0.18	
	1991	2.62	2.80			0.45	0.15	
	1992	23.04	23.57			0.65	0.20	
	1993	21.30	21.81			0.82	0.29	
	1994	27.31	27.76			0.66	0.21	
	1995	3.44	3.83			0.53	0.17	
	1996	46.95	47.51			0.61	0.18	
	1997	7.53	8.13			0.59	0.18	
	1998	4.31	4.92			0.79	0.27	
	1999	43.29	43.85			0.67	0.21	
	2000	8.60	9.14			0.50	0.18	
	2001	42.37	42.93			0.61	0.22	
	2002	0.03	0.07			0.17	0.06	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	3.90	4.09			0.18	0.05	
	2004	44.48	45.01			0.47	0.15	
	2005	2.02	2.23			0.47	0.16	
	2006	71.17	71.62			0.53	0.16	
	2007	1.80	2.16			0.47	0.16	
	2008	4.56	4.97			0.46	0.17	
	2009	1.50	1.75	0.13	0.14	0.33	0.11	
	2010	0.81	0.99	0.25	0.29	0.24	0.07	
	Mean	**18.77**	**19.19**	**0.19**	**0.22**	**0.54**	**0.18**	
Chambal Basin (Rana pratap sagar)	1973	17025.98	17041.33	89.71	89.71	21.42	6.27	
	1974	4931.14	4951.65	90.21	90.22	20.31	6.72	
	1975	3529.82	3548.33	86.81	86.82	22.60	6.89	
	1976	8752.19	8773.45	88.18	88.19	24.79	7.74	
	1977	4808.61	4821.94	91.28	91.28	21.85	7.38	
	1978	7128.18	7146.08	88.68	88.69	19.56	6.10	
	1979	2365.50	2380.80	91.47	91.49	18.90	6.27	
	1980	2229.30	2243.60	94.86	94.87	17.31	5.90	
	1981	3064.65	3073.87	92.55	92.55	11.26	3.70	
	1982	1873.11	1890.99	91.07	91.07	15.49	4.97	
	1983	2012.47	2026.16	90.22	90.23	18.87	5.85	
	1984	6674.53	6692.02	94.29	94.29	18.99	6.05	
	1985	1807.62	1821.18	91.22	91.22	17.52	5.53	
	1986	7055.88	7069.82	92.02	92.02	19.66	6.50	
	1987	2891.88	2908.02	93.74	93.75	16.56	5.44	
	1988	5089.42	5106.07	91.96	91.96	19.04	6.20	
	1989	2113.96	2128.79	92.43	92.46	18.79	6.08	
	1990	6365.82	6383.26	88.76	88.76	20.75	6.34	
	1991	3828.71	3844.00	92.72	92.72	20.36	6.49	
	1992	1745.87	1759.88	92.37	92.38	17.59	5.53	
	1993	5032.55	5051.43	90.78	90.79	22.63	7.39	
	1994	11490.20	11509.44	88.01	88.02	23.35	7.01	
	1995	6194.02	6213.30	90.57	90.58	21.08	6.87	
	1996	8945.48	8961.99	89.40	89.41	21.24	6.39	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	7031.92	7048.06	87.61	87.62	20.92	6.40	
	1998	4318.11	4334.20	92.28	92.29	21.41	6.82	
	1999	3810.32	3827.71	91.90	91.90	20.23	6.48	
	2000	605.58	620.22	92.20	92.20	17.76	6.31	
	2001	1629.18	1644.29	88.03	88.03	16.54	5.39	
	2002	1191.83	1201.51	89.74	89.76	11.58	3.79	
	2003	3731.30	3746.86	88.34	88.35	16.03	4.86	
	2004	5353.91	5370.36	92.24	92.25	19.62	6.37	
	2005	3042.88	3058.38	90.04	90.06	19.00	6.20	
	2006	9051.53	9066.78	86.79	86.80	21.73	6.52	
	2007	2949.71	2966.77	92.46	92.46	22.02	7.32	
	2008	5131.03	5148.05	88.05	88.07	20.31	6.46	
	2009	1902.09	1917.31	91.50	91.50	18.57	6.03	
	2010	5089.76	5104.22	88.17	88.17	17.25	5.42	
	Mean	**4784.11**	**4800.06**	**90.60**	**90.60**	**19.29**	**6.16**	
	1973	38.61	39.18			1.28	0.39	
	1974	14.57	15.09			1.30	0.43	
	1975	33.12	33.36			1.28	0.39	
	1976	10.26	10.64			1.13	0.36	
	1977	8.41	8.53			1.18	0.38	
	1978	4.60	4.87			0.94	0.30	
	1979	1.28	1.34			0.46	0.17	
	1980	0.16	0.28			0.29	0.10	
	1981	0.18	0.29			0.31	0.09	
	1982	15.43	15.97			1.04	0.31	
	1983	4.19	4.67			1.11	0.36	
	1984	3.87	4.26			0.89	0.29	
	1985	54.27	55.13			1.25	0.39	
	1986	74.73	75.62			1.34	0.45	
	1987	15.59	16.72			1.01	0.32	
	1988	4.71	4.97			1.14	0.38	
	1989	0.02	0.06			0.35	0.13	
	1990	2.64	2.77			0.52	0.15	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin (Sawan bhadon)	1991	21.38	21.56			1.14	0.36	
	1992	3.70	4.00			0.96	0.31	
	1993	14.62	15.44			1.33	0.42	
	1994	31.88	32.76			1.40	0.43	
	1995	4.06	4.14			0.69	0.24	
	1996	93.70	94.64			1.13	0.33	
	1997	14.41	15.10			1.39	0.45	
	1998	0.18	0.28			0.52	0.19	
	1999	26.12	27.21			1.10	0.33	
	2000	21.95	23.09			1.26	0.45	
	2001	29.26	30.31	0.00	0.00	1.29	0.44	
	2002	0.06	0.11	0.01	0.01	0.33	0.12	
	2003	0.12	0.19	0.01	0.01	0.19	0.05	
	2004	21.87	22.84	0.01	0.01	0.80	0.26	
	2005	0.87	0.95	0.01	0.01	0.46	0.17	
	2006	40.49	41.31	0.01	0.01	0.92	0.28	
	2007	8.77	9.80	0.01	0.01	1.32	0.46	
	2008	1.24	1.31	0.01	0.01	0.55	0.18	
	2009	0.08	0.14	0.01	0.01	0.18	0.07	
	2010	6.29	6.76	0.01	0.01	0.74	0.22	
	Mean	**16.52**	**16.99**	**0.01**	**0.01**	**0.91**	**0.29**	
	1973	102.98	103.40			0.62	0.19	
	1974	64.57	65.07			0.62	0.21	
	1975	88.29	88.62			0.64	0.20	
	1976	54.73	55.21			0.67	0.22	
	1977	44.09	44.42			0.66	0.21	
	1978	28.30	28.66			0.49	0.16	
	1979	13.44	13.63			0.42	0.13	
	1980	14.62	14.91			0.48	0.16	
	1981	20.97	21.39			0.56	0.18	
	1982	60.32	60.79			0.66	0.20	
	1983	27.31	27.72			0.60	0.19	
	1984	30.64	31.04			0.50	0.16	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin (Takli)	1985	131.04	131.45			0.61	0.18	
	1986	170.57	170.90			0.62	0.22	
	1987	64.18	64.65			0.48	0.14	
	1988	26.96	27.39			0.64	0.21	
	1989	0.00	0.00			0.17	0.07	
	1990	28.39	28.74			0.41	0.12	
	1991	59.47	59.76			0.52	0.17	
	1992	28.78	29.25			0.53	0.15	
	1993	63.32	63.81			0.66	0.21	
	1994	88.14	88.57			0.60	0.18	
	1995	21.02	21.26			0.45	0.14	
	1996	205.32	205.58			0.58	0.18	
	1997	62.02	62.53			0.69	0.22	
	1998	11.63	11.97			0.53	0.17	
	1999	81.00	81.46			0.64	0.20	
	2000	73.43	73.94			0.57	0.20	
	2001	81.29	81.71			0.55	0.18	
	2002	1.60	1.72			0.24	0.07	
	2003	10.73	11.00			0.35	0.09	
	2004	67.34	67.73			0.48	0.16	
	2005	6.52	6.76			0.41	0.14	
	2006	104.44	104.81			0.53	0.16	
	2007	44.32	44.82			0.60	0.20	
	2008	15.98	16.30			0.49	0.15	
	2009	10.55	10.75			0.52	0.17	
	2010	34.78	35.19			0.54	0.17	
	Mean	**53.77**	**54.13**	-	-	**0.53**	**0.17**	
	1973	263.65	266.48	1.58	1.62	6.64	2.05	
	1974	402.08	404.51	1.54	1.54	5.18	1.74	
	1975	345.48	347.84	1.09	1.09	5.11	1.35	
	1976	304.50	307.87	1.63	1.65	5.77	1.74	
	1977	412.87	415.52	1.49	1.50	5.28	1.61	
	1978	121.76	122.05	1.25	1.25	5.06	1.50	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Chambal Basin (Ummed sagar)	1979	272.65	276.29	1.18	1.18	5.25	1.50	
	1980	378.94	381.57	1.58	1.58	5.74	1.64	
	1981	330.75	333.63	1.44	1.45	5.24	1.64	
	1982	282.39	285.36	1.20	1.20	5.09	1.42	
	1983	329.43	332.58	1.54	1.55	5.64	1.67	
	1984	363.47	366.29	1.54	1.55	5.45	1.65	
	1985	338.08	339.51	1.19	1.20	5.55	1.46	
	1986	288.12	291.68	1.38	1.38	5.40	1.54	
	1987	86.76	86.87	1.18	1.18	4.79	1.41	
	1988	322.60	325.66	1.21	1.22	5.50	1.58	
	1989	425.93	429.28	1.44	1.45	5.25	1.58	
	1990	592.80	594.83	1.45	1.45	5.10	1.49	
	1991	180.36	180.48	1.31	1.31	4.94	1.41	
	1992	288.12	291.10	1.25	1.25	5.30	1.55	
	1993	513.26	515.23	1.59	1.60	5.45	1.65	
	1994	655.64	656.71	1.62	1.64	5.31	1.68	
	1995	595.56	595.99	1.66	1.68	5.16	1.71	
	1996	635.80	636.83	1.33	1.34	5.35	1.45	
	1997	422.32	424.99	1.45	1.45	5.25	1.40	
	1998	313.67	316.24	1.49	1.49	5.10	1.54	
	1999	457.24	459.56	1.50	1.50	5.23	1.64	
	2000	321.88	324.94	1.64	1.64	5.39	1.84	
	2001	679.50	681.94	1.58	1.59	5.37	1.77	
	2002	405.09	406.90	1.29	1.30	4.89	1.40	
	2003	483.29	485.52	1.28	1.28	5.61	1.42	
	2004	334.49	336.95	1.53	1.54	5.24	1.72	
	2005	162.51	165.16	1.53	1.55	5.33	1.75	
	2006	107.49	109.95	1.18	1.19	4.89	1.60	
	2007	224.55	228.78	1.40	1.42	5.59	1.90	
	2008	711.16	711.16	1.74	1.74	5.83	1.89	
	2009	128.98	132.65	1.51	1.54	5.28	1.73	
	2010	31.05	32.43	1.16	1.18	4.87	1.58	
	Mean	**355.64**	**357.93**	**1.42**	**1.43**	**5.33**	**1.61**	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Mahi Basin (Jaisamand dam)	1973	1552.71	1586.42	1.52	1.52	26.35	8.16	
	1974	116.06	140.19	1.57	1.57	20.61	7.20	
	1975	241.44	269.34	1.45	1.45	22.25	6.98	
	1976	285.36	311.89	1.49	1.49	22.74	7.29	
	1977	173.24	200.26	1.49	1.49	23.28	7.85	
	1978	305.26	333.06	1.53	1.53	23.21	7.66	
	1979	17.70	25.59	1.53	1.53	10.77	3.81	
	1980	139.29	162.62	1.59	1.59	17.84	6.27	
	1981	19.00	28.35	1.53	1.53	11.40	3.97	
	1982	8.65	14.51	1.99	2.00	7.18	2.49	
	1983	258.64	290.95	1.44	1.44	20.74	6.16	
	1984	259.87	282.91	1.51	1.51	21.95	7.43	
	1985	91.01	113.89	1.90	1.90	18.22	6.14	
	1986	51.15	69.57	1.54	1.54	16.51	5.86	
	1987	26.00	37.82	1.62	1.62	10.84	3.88	
	1988	13.01	17.29	1.48	1.48	6.71	2.38	
	1989	297.77	325.07	1.48	1.48	15.20	4.73	
	1990	194.44	219.38	1.48	1.48	21.40	6.82	
	1991	168.51	192.95	1.53	1.53	20.46	6.90	
	1992	327.86	356.89	1.50	1.50	22.64	7.24	
	1993	71.72	89.96	1.50	1.50	18.66	6.55	
	1994	420.66	445.40	1.43	1.43	18.41	5.59	
	1995	3.57	5.63	1.81	1.81	8.83	3.28	
	1996	203.08	222.57	1.49	1.49	11.08	3.22	
	1997	10.89	17.51	1.49	1.49	9.90	3.34	
	1998	5.18	7.40	1.50	1.51	4.57	1.56	
	1999	0.29	0.66	1.52	1.53	1.99	0.68	
	2000	6.89	10.64	1.46	1.47	3.09	1.10	
	2001	20.26	26.81	1.49	1.52	5.34	1.78	
	2002	3.38	4.99	1.47	1.50	3.00	1.01	
	2003	138.44	148.33	1.51	1.51	6.84	2.03	
	2004	103.85	125.56	1.54	1.54	14.55	4.67	
	2005	99.80	122.33	1.43	1.43	18.41	6.10	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2006	509.98	533.85	1.58	1.59	19.88	6.38	
	2007	189.81	206.32	1.56	1.56	15.86	5.45	
	2008	184.76	211.31	1.51	1.51	19.05	6.07	
	2009	92.56	105.85	1.48	1.48	15.84	5.51	
	2010	80.10	100.47	0.38	0.38	14.31	4.46	
	Mean	**176.11**	**193.80**	**1.51**	**1.51**	**15.00**	**4.95**	
Mahi Basin (Jakham dam)	1973	1143.25	1154.30			7.49	2.26	
	1974	491.16	502.19			7.00	2.35	
	1975	371.41	382.15			7.78	2.48	
	1976	550.28	562.90			7.76	2.50	
	1977	339.90	348.34			7.27	2.48	
	1978	330.71	339.11			6.08	1.94	
	1979	192.82	204.04			5.85	1.90	
	1980	348.59	358.04			8.32	2.98	
	1981	172.85	182.78			6.27	2.05	
	1982	252.56	262.96			6.66	2.19	
	1983	365.21	374.74			7.17	2.24	
	1984	347.36	355.40			6.08	2.01	
	1985	222.43	231.66	0.00	0.00	5.85	1.88	
	1986	389.43	396.92	6.00	6.02	5.84	1.98	
	1987	311.82	320.38	6.35	6.41	5.31	1.89	
	1988	460.91	470.62	6.38	6.41	6.63	2.14	
	1989	411.74	419.68	6.07	6.10	5.66	1.78	
	1990	419.15	428.53	6.21	6.23	6.21	1.80	
	1991	410.43	418.50	6.38	6.39	5.93	1.95	
	1992	295.37	303.84	6.08	6.10	5.80	1.82	
	1993	260.33	269.44	6.19	6.21	6.38	2.10	
	1994	338.68	347.53	5.90	5.93	6.14	1.88	
	1995	24.66	29.34	2.05	2.34	4.05	1.40	
	1996	575.42	584.55	6.45	6.46	5.46	1.62	
	1997	131.49	139.98	5.61	5.67	5.51	1.74	
	1998	41.20	48.91	3.11	3.69	5.53	1.79	
	1999	82.81	91.80	3.17	4.21	6.42	2.06	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2000	36.80	42.89	2.24	2.78	5.21	1.94	
	2001	295.88	304.45	5.33	5.33	5.54	1.82	
	2002	6.55	8.30	0.77	0.82	2.16	0.77	
	2003	66.15	73.51	1.75	2.15	3.73	1.14	
	2004	501.24	508.87	6.15	6.20	5.53	1.82	
	2005	156.87	165.72	6.11	6.16	5.68	1.81	
	2006	1014.25	1023.38	6.54	6.57	6.49	1.91	
	2007	138.82	146.79	5.63	5.67	5.82	1.99	
	2008	94.32	102.75	5.62	5.74	5.62	1.81	
	2009	202.15	211.56	5.93	5.98	6.14	2.05	
	2010	247.86	257.11	2.23	2.24	6.00	1.81	
	Mean	**316.92**	**325.63**	**4.78**	**4.92**	**6.01**	**1.95**	
Mahi Basin (Mahi bajaj sagar)	1973	7286.54	7316.67			24.83	7.27	
	1974	1998.56	2031.62			24.44	8.37	
	1975	3184.49	3217.15			28.10	8.61	
	1976	5228.65	5269.74			30.05	9.66	
	1977	4664.76	4694.16			28.52	9.12	
	1978	4818.88	4847.02			24.24	7.53	
	1979	1594.11	1625.96			23.07	7.79	
	1980	2411.62	2440.00			26.00	9.09	
	1981	3842.35	3876.77			25.76	8.05	
	1982	1961.47	1991.53			25.99	8.58	
	1983	3049.87	3078.61	58.75	59.02	25.74	7.73	
	1984	4107.45	4132.41	77.59	77.82	23.58	7.88	
	1985	812.76	840.98	25.71	26.62	20.44	6.85	
	1986	3976.40	4002.29	66.75	66.84	22.15	7.50	
	1987	1965.08	1995.23	58.95	60.27	19.81	6.77	
	1988	3367.86	3398.24	76.80	77.12	25.85	8.41	
	1989	1709.76	1737.84	60.69	61.86	24.27	7.93	
	1990	4543.31	4575.00	76.28	76.58	24.97	7.64	
	1991	2979.87	3005.90	70.45	70.56	21.85	7.20	
	1992	1498.58	1525.21	39.13	40.31	20.35	6.55	
	1993	3069.92	3101.35	74.78	75.34	25.88	8.64	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	7169.06	7197.41	79.93	80.05	25.51	7.42	
	1995	3215.38	3243.30	78.35	78.51	22.85	7.39	
	1996	4476.11	4505.39	76.20	76.30	22.73	6.97	
	1997	3578.65	3606.68	70.55	70.68	23.25	7.13	
	1998	2799.87	2829.77	80.36	80.65	23.90	7.37	
	1999	909.34	935.03	21.00	22.02	22.38	7.31	
	2000	130.81	140.17	1.94	1.98	14.46	5.19	
	2001	992.78	1010.68	2.62	2.77	13.20	4.37	
	2002	658.12	672.76	5.40	5.52	12.32	4.05	
	2003	3271.51	3301.85	74.46	74.64	19.95	5.99	
	2004	2908.87	2933.41	70.82	71.02	20.72	6.73	
	2005	2120.95	2148.51	69.22	70.33	21.77	6.96	
	2006	5877.31	5902.88	74.40	74.54	23.20	6.77	
	2007	3029.83	3060.91	77.36	77.45	24.33	8.01	
	2008	2541.80	2561.98	75.55	75.66	18.56	6.02	
	2009	2204.51	2231.39	67.55	67.80	19.98	6.49	
	2010	2989.79	3015.18	30.46	30.48	20.83	6.52	
	Mean	**3077.55**	**3105.29**	**58.64**	**59.03**	**22.78**	**7.31**	
	1973	1234.05	1302.06			46.08	14.72	3010.41
	1974	60.75	87.68			37.40	13.74	187.33
	1975	429.32	495.74			46.11	14.55	746.41
	1976	498.24	570.20			56.58	18.40	934.46
	1977	528.25	592.61			63.03	21.07	880.48
	1978	357.41	414.87			50.12	16.82	671.15
	1979	72.99	106.07			37.08	12.58	91.44
	1980	180.73	234.85			47.65	17.87	344.82
	1981	130.56	183.24			43.17	14.55	177.32
	1982	80.18	122.46			43.76	15.36	95.46
	1983	595.65	666.52			57.23	18.24	993.68
	1984	497.81	562.21			57.97	19.66	929.44
	1985	98.35	128.35			36.75	12.92	190.76
	1986	65.59	99.58			32.77	11.77	122.31
	1987	41.97	66.24			25.96	9.98	68.40

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Mahi Basin *(Som kamla amba)	1988	163.90	210.88			36.01	11.85	183.32
	1989	318.64	371.25			43.34	14.56	628.45
	1990	411.33	474.06			51.26	16.26	662.55
	1991	271.61	319.73			46.85	16.07	486.60
	1992	344.93	395.81			41.83	13.64	687.11
	1993	220.83	272.21			47.53	16.54	318.14
	1994	1049.62	1120.58			55.68	16.79	1608.39
	1995	41.54	54.91			30.74	11.28	45.52
	1996	196.62	236.98			31.30	9.92	400.94
	1997	168.35	205.09			41.09	13.07	187.78
	1998	174.32	224.24	1.40	1.66	42.75	14.21	243.06
	1999	37.46	50.02	3.88	5.37	29.74	10.97	39.77
	2000	3.10	8.26	4.43	6.41	14.83	5.56	10.21
	2001	114.29	147.07	14.06	14.50	32.31	10.78	144.58
	2002	27.92	44.17	12.64	14.48	23.53	8.23	32.44
	2003	23.73	72.35	15.79	16.51	29.85	9.70	182.13
	2004	193.10	238.53	16.85	17.08	35.94	12.18	339.50
	2005	315.09	362.93	17.80	18.05	38.50	13.25	452.27
	2006	1698.07	1765.75	18.60	18.79	52.25	16.63	2672.82
	2007	59.88	83.23	16.18	16.31	36.72	13.20	245.92
	2008	98.08	121.55	15.53	15.83	23.59	8.08	281.50
	2009	151.30	195.68	14.60	14.84	35.93	12.10	244.04
	2010	269.89	322.06	4.96	5.08	41.59	13.19	377.43
	Mean	**295.41**	**340.26**	**12.06**	**12.69**	**40.65**	**13.69**	**524.17**
	1973	227.45	240.28			10.44	3.36	
	1974	14.96	23.33			7.97	2.99	
	1975	75.69	88.34			9.69	3.23	
	1976	150.86	166.39			11.60	3.89	
	1977	179.64	193.00			13.29	4.56	
	1978	8.53	15.34			7.18	2.50	
	1979	0.82	2.76			3.87	1.44	
	1980	26.50	36.28			7.02	2.72	
	1981	28.18	38.83			7.93	2.70	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Mahi Basin (Som kagdar)	1982	7.23	15.40			6.92	2.48	
	1983	151.55	165.32			11.45	3.81	
	1984	171.83	185.96			12.16	4.27	
	1985	1.41	3.73			5.41	2.04	
	1986	5.79	11.19			4.50	1.68	
	1987	0.44	0.89			2.19	0.83	
	1988	6.41	10.27			3.02	1.02	
	1989	12.16	20.56			5.27	1.78	
	1990	56.89	67.25			8.40	2.76	
	1991	47.67	57.35			8.59	3.09	
	1992	14.31	22.87			6.72	2.29	
	1993	25.59	33.76			7.60	2.84	
	1994	138.12	150.32			9.19	2.94	
	1995	0.46	1.05	0.01	0.01	4.33	1.70	
	1996	1.25	3.53	0.15	0.38	2.24	0.76	
	1997	8.53	15.07	0.93	1.26	4.59	1.43	
	1998	63.61	74.86	1.87	2.00	8.50	2.85	
	1999	2.02	4.25	0.80	0.96	5.84	2.31	
	2000	0.24	0.57	0.59	0.76	1.61	0.61	
	2001	10.03	14.64	1.15	1.35	3.59	1.22	
	2002	1.13	3.09	0.79	1.01	2.85	1.03	
	2003	19.98	28.95	1.63	1.87	5.59	1.78	
	2004	42.55	51.37	1.90	1.97	7.40	2.58	
	2005	37.38	49.37	2.04	2.13	8.29	2.80	
	2006	464.78	477.20	2.11	2.13	10.69	3.41	
	2007	1.09	3.45	0.73	0.92	5.46	2.10	
	2008	0.35	1.05	0.50	0.72	1.94	0.68	
	2009	5.25	9.33	0.86	1.18	3.22	1.07	
	2010	27.85	37.60	0.82	0.90	6.53	2.00	
	Mean	**53.64**	**61.18**	**1.06**	**1.22**	**6.66**	**2.30**	
	1973	66.20	67.46	1.30	1.32	1.07	0.32	
	1974	17.54	18.98	1.51	1.53	1.10	0.38	
	1975	31.53	32.70	1.52	1.54	1.13	0.35	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Mahi Basin (Surwania)	1976	36.36	37.67	1.45	1.47	1.03	0.33	
	1977	87.01	88.18	1.50	1.52	1.14	0.36	
	1978	58.58	59.74	1.33	1.35	1.03	0.30	
	1979	2.61	3.55	1.26	1.30	0.83	0.29	
	1980	31.91	33.13	1.32	1.38	1.13	0.38	
	1981	75.53	77.12	1.45	1.47	1.20	0.38	
	1982	17.76	19.00	1.94	1.96	1.14	0.36	
	1983	29.38	30.62	1.44	1.46	1.15	0.36	
	1984	54.62	55.77	1.43	1.45	1.08	0.36	
	1985	14.99	16.41	1.75	1.79	0.97	0.32	
	1986	32.73	33.75	1.34	1.36	0.99	0.34	
	1987	26.68	27.84	1.37	1.39	0.82	0.29	
	1988	25.09	26.33	1.40	1.42	1.04	0.34	
	1989	3.31	4.40	1.24	1.30	0.87	0.30	
	1990	43.77	44.95	1.39	1.42	1.10	0.35	
	1991	29.55	30.67	1.31	1.33	0.95	0.33	
	1992	15.13	16.43	1.39	1.42	0.99	0.33	
	1993	24.36	25.43	1.30	1.32	1.03	0.36	
	1994	83.92	85.20	1.50	1.52	1.05	0.32	
	1995	15.71	16.93	1.43	1.46	1.01	0.34	
	1996	60.99	62.25	1.48	1.50	1.03	0.33	
	1997	45.02	46.34	1.40	1.42	1.17	0.37	
	1998	32.50	33.76	1.65	1.67	1.12	0.37	
	1999	9.39	10.59	1.26	1.28	1.11	0.38	
	2000	8.62	9.75	1.18	1.20	0.95	0.35	
	2001	6.73	7.80	1.24	1.27	0.83	0.29	
	2002	5.85	7.14	1.24	1.27	1.04	0.36	
	2003	17.57	18.84	1.49	1.50	1.03	0.33	
	2004	55.88	56.95	1.36	1.39	0.95	0.32	
	2005	16.78	18.06	1.28	1.30	1.06	0.37	
	2006	118.57	119.83	1.66	1.68	1.13	0.34	
	2007	65.90	67.24	1.51	1.53	1.12	0.39	
	2008	2.55	3.39	1.26	1.28	0.94	0.32	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	23.83	25.14	1.32	1.34	0.99	0.34	
	2010	16.92	18.09	0.38	0.38	0.99	0.32	
	Mean	**34.51**	**35.72**	**1.38**	**1.41**	**1.03**	**0.34**	
Luni Basin (Angore bund)	1973	50.07	60.23			8.91	0.02	
	1974	0.54	0.92			1.04	0.00	
	1975	13.62	18.22			4.71	0.01	
	1976	33.11	38.62			5.33	0.01	
	1977	22.44	25.99			3.97	0.01	
	1978	16.86	20.10			3.60	0.01	
	1979	4.62	7.03			2.26	0.01	
	1980	0.98	1.76			1.77	0.01	
	1981	0.22	0.41			0.53	0.00	
	1982	0.90	1.56			1.75	0.00	
	1983	7.45	11.06			5.64	0.01	
	1984	9.23	10.97			3.02	0.01	
	1985	6.39	7.62			2.18	0.00	
	1986	0.67	1.12			1.16	0.00	
	1987	0.07	0.14			0.23	0.00	
	1988	0.91	1.52	0.16	0.42	1.56	0.00	
	1989	0.82	1.38	0.34	1.01	1.49	0.00	
	1990	19.68	25.15	1.37	1.77	6.70	0.01	
	1991	0.49	0.83	1.41	1.65	0.90	0.00	
	1992	7.92	9.84	1.57	1.71	2.68	0.01	
	1993	0.61	1.03	1.57	1.80	1.07	0.00	
	1994	7.92	10.26	1.47	1.60	2.80	0.00	
	1995	1.48	2.71	1.70	1.72	1.41	0.00	
	1996	0.77	1.30	1.56	1.74	1.38	0.00	
	1997	8.30	11.25	1.59	1.68	3.12	0.01	
	1998	0.37	0.65	1.09	1.32	0.76	0.00	
	1999	0.44	0.76	0.61	1.39	0.86	0.00	
	2000	1.10	2.10	1.26	1.72	2.02	0.01	
	2001	0.68	1.20	1.43	1.82	1.25	0.00	
	2002	0.21	0.39	0.58	0.85	0.50	0.00	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
	2003	1.48	2.57	1.05	1.47	2.55	0.01	
	2004	0.21	0.38	0.63	1.03	0.49	0.00	
	2005	1.53	2.91	1.28	1.55	2.64	0.01	
	2006	17.87	26.35	1.93	1.96	8.26	0.02	
	2007	14.48	17.76	1.95	1.96	3.89	0.02	
	2008	0.41	0.73	0.93	1.29	0.81	0.00	
	2009	0.31	0.57	0.22	0.48	0.68	0.00	
	2010	0.86	1.46	0.19	0.48	1.51	0.01	
	Mean	**6.74**	**8.65**	**1.13**	**1.41**	**2.51**	**0.01**	
Luni Basin (Bandi sendhera)	1973	144.90	197.35			70.84	0.19	
	1974	0.57	1.42			1.27	0.01	
	1975	55.92	95.64			54.85	0.14	
	1976	138.75	187.45			71.46	0.22	
	1977	84.60	120.26			58.35	0.20	
	1978	24.19	46.02			38.26	0.13	
	1979	18.64	38.38			29.52	0.10	
	1980	5.92	10.83			9.72	0.05	
	1981	2.79	5.86			4.82	0.02	
	1982	1.01	4.44			2.23	0.01	
	1983	3.65	20.27			6.82	0.02	
	1984	0.67	8.33			1.76	0.00	
	1985	0.31	4.59			0.91	0.00	
	1986	0.17	1.81			0.52	0.00	
	1987	0.10	0.94			0.35	0.00	
	1988	0.57	2.06			1.40	0.00	
	1989	0.44	0.96			1.21	0.00	
	1990	71.95	101.92			42.89	0.13	
	1991	0.08	0.52			0.36	0.00	
	1992	156.74	196.16			41.39	0.12	
	1993	91.63	122.44			38.74	0.16	
	1994	51.67	84.77			61.00	0.13	
	1995	6.50	13.30			10.54	0.03	
	1996	5.55	10.07			9.39	0.03	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	12.98	31.64			20.35	0.07	
	1998	0.17	2.70			0.67	0.00	
	1999	0.19	1.48			0.75	0.00	
	2000	0.50	3.22			1.28	0.00	
	2001	4.76	13.97			8.20	0.03	
	2002	1.03	4.50			2.27	0.01	
	2003	6.12	15.17			10.52	0.02	
	2004	0.19	0.71			0.68	0.00	
	2005	7.86	18.75			13.17	0.05	
	2006	79.67	131.05	0.00	0.00	65.37	0.13	
	2007	15.15	32.02	1.42	2.76	24.32	0.09	
	2008	4.85	15.29	1.35	3.13	8.31	0.03	
	2009	0.11	0.92	0.72	2.02	0.56	0.00	
	2010	37.82	87.14	1.22	1.55	53.61	0.16	
	Mean	**27.33**	**43.01**	**0.94**	**1.89**	**20.23**	**0.06**	
	1973	1606.89	2036.28	4.06	4.10	458.59	0.76	
	1974	0.05	0.13	3.22	3.26	1.17	0.00	
	1975	16.50	26.76	1.09	1.76	27.50	0.07	
	1976	21.81	51.56	2.14	4.03	38.75	0.12	
	1977	29.67	55.13	3.57	4.63	44.78	0.15	
	1978	16.14	26.20	3.67	4.46	24.75	0.06	
	1979	39.04	101.27	3.73	4.46	56.17	0.17	
	1980	4.52	9.89	3.07	3.55	10.99	0.03	
	1981	1.45	4.70	0.43	1.16	6.62	0.02	
	1982	9.31	18.02	0.60	1.19	15.87	0.04	
	1983	310.78	538.24	3.12	3.69	241.14	0.66	
	1984	5.72	10.40	3.34	3.74	13.47	0.03	
	1985	7.31	15.41	1.00	2.06	15.12	0.04	
	1986	4.89	14.84	0.33	1.92	9.61	0.02	
	1987	0.07	0.16	0.00	0.79	1.14	0.00	
	1988	15.71	28.83	1.33	2.55	22.14	0.08	
	1989	0.58	2.65	0.41	1.54	3.36	0.01	
	1990	29.31	76.23	2.88	3.84	38.41	0.10	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Luni Basin (Bankli bund)	1991	0.40	1.89	1.35	2.27	2.86	0.01	
	1992	130.34	236.61	2.90	3.14	107.17	0.30	
	1993	28.77	66.31	4.79	4.87	42.25	0.11	
	1994	23.74	46.00	3.93	4.45	40.42	0.08	
	1995	17.35	41.95	3.45	4.94	29.14	0.07	
	1996	7.40	20.36	1.57	3.86	15.89	0.04	
	1997	18.19	43.06	1.65	4.22	32.38	0.07	
	1998	0.24	1.04	0.63	2.03	2.28	0.00	
	1999	2.65	11.81	0.16	1.03	6.68	0.01	
	2000	4.60	21.03	0.33	2.19	10.40	0.03	
	2001	16.17	51.44	1.57	4.45	27.14	0.11	
	2002	4.56	17.33	0.60	3.37	11.54	0.03	
	2003	120.63	235.47	3.29	4.16	117.94	0.36	
	2004	20.45	41.79	3.82	4.55	35.99	0.11	
	2005	2.05	7.47	1.49	2.57	8.16	0.03	
	2006	198.83	327.66	4.75	5.04	125.41	0.41	
	2007	28.01	54.42	4.68	4.87	48.22	0.16	
	2008	28.61	66.10	4.33	4.56	46.29	0.11	
	2009	20.70	42.05	3.93	4.76	35.82	0.16	
	2010	29.11	58.02	2.43	2.87	49.37	0.16	
	Mean	**74.28**	**116.01**	**2.36**	**3.34**	**48.02**	**0.12**	
	1973	4.47	9.39			7.33	0.02	
	1974	0.00	0.00			0.08	0.00	
	1975	104.36	138.81			44.33	0.12	
	1976	77.70	101.74			29.77	0.09	
	1977	0.00	0.00			0.02	0.00	
	1978	0.15	0.17			0.06	0.00	
	1979	232.48	265.73			37.17	0.10	
	1980	0.00	0.00			0.04	0.00	
	1981	0.00	0.00			0.02	0.00	
	1982	0.00	0.00			0.05	0.00	
	1983	30.45	39.91			13.72	0.03	
	1984	0.00	0.00			0.18	0.00	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Luni Basin (Bislapura bund)	1985	0.00	0.00			0.20	0.00	
	1986	0.00	0.02			0.28	0.00	
	1987	0.00	0.00			0.02	0.00	
	1988	0.00	0.00			0.11	0.00	
	1989	0.07	0.34			1.00	0.00	
	1990	0.49	1.36			2.34	0.01	
	1991	0.00	0.00	0.00	0.00	0.26	0.00	
	1992	4.17	7.00	0.03	0.05	3.77	0.01	
	1993	0.00	0.00	0.00	0.00	0.04	0.00	
	1994	26.49	34.44	0.36	0.47	9.59	0.01	
	1995	0.00	1.88	0.00	0.03	7.52	0.02	
	1996	0.00	0.00	0.00	0.00	0.25	0.00	
	1997	0.00	0.00	0.00	0.00	2.33	0.00	
	1998	0.00	0.00	0.00	0.00	0.04	0.00	
	1999	17.21	25.46	0.49	0.73	9.42	0.01	
	2000	0.00	0.00	0.00	0.00	0.56	0.00	
	2001	7.88	11.01	0.59	0.83	5.48	0.02	
	2002	0.00	0.00	0.00	0.00	0.01	0.00	
	2003	0.00	0.00	0.00	0.00	0.05	0.00	
	2004	0.00	2.13	0.00	0.24	4.55	0.01	
	2005	0.00	0.00	0.00	0.00	1.09	0.00	
	2006	0.00	0.00	0.00	0.00	0.06	0.00	
	2007	0.00	0.00	0.00	0.00	2.93	0.01	
	2008	0.00	0.00	0.00	0.00	0.26	0.00	
	2009	0.00	0.00	0.00	0.00	0.00	0.00	
	2010	0.00	0.00	0.00	0.00	0.18	0.00	
	Mean	**13.31**	**16.83**	**0.07**	**0.12**	**4.87**	**0.01**	
	1973	54.15	107.54			77.20	0.19	
	1974	0.00	0.00			0.01	0.00	
	1975	0.00	0.01	0.00	0.00	0.55	0.00	
	1976	0.88	1.52	0.01	0.02	2.24	0.01	
	1977	3.00	5.12	0.07	0.12	5.78	0.02	
	1978	1.80	3.01	0.04	0.07	3.47	0.01	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Luni Basin (Giroliya tank)	1979	223.83	292.19	0.14	0.14	78.67	0.25	
	1980	0.11	0.24	0.00	0.00	0.79	0.00	
	1981	0.00	0.00	0.00	0.00	0.10	0.00	
	1982	0.00	0.01	0.00	0.00	0.46	0.00	
	1983	0.00	0.01	0.00	0.00	0.47	0.00	
	1984	0.00	0.00	0.00	0.00	0.26	0.00	
	1985	0.00	0.00	0.00	0.00	0.27	0.00	
	1986	0.00	0.00	0.00	0.00	0.24	0.00	
	1987	0.00	0.00	0.00	0.00	0.09	0.00	
	1988	0.00	0.02	0.00	0.00	0.52	0.00	
	1989	0.00	0.00	0.00	0.00	0.29	0.00	
	1990	55.24	87.84	0.13	0.15	48.23	0.18	
	1991	0.00	0.00	0.00	0.00	0.34	0.00	
	1992	28.93	50.34	0.12	0.12	31.36	0.07	
	1993	0.00	0.00	0.00	0.00	0.17	0.00	
	1994	4.53	7.52	0.12	0.14	8.33	0.02	
	1995	1.86	3.12	0.04	0.07	3.64	0.01	
	1996	4.51	7.53	0.10	0.11	8.28	0.02	
	1997	29.58	55.86	0.11	0.11	35.78	0.09	
	1998	0.00	0.00	0.00	0.00	0.18	0.00	
	1999	2.31	3.81	0.05	0.09	4.09	0.01	
	2000	0.00	0.00	0.00	0.00	0.26	0.00	
	2001	0.40	0.76	0.01	0.01	1.53	0.01	
	2002	0.00	0.00	0.00	0.00	0.05	0.00	
	2003	0.19	0.38	0.00	0.00	1.04	0.00	
	2004	0.00	0.00	0.00	0.00	0.12	0.00	
	2005	0.00	0.01	0.00	0.00	0.44	0.00	
	2006	0.01	0.08	0.00	0.00	0.73	0.00	
	2007	0.00	0.00	0.00	0.00	0.24	0.00	
	2008	0.00	0.00	0.00	0.00	0.17	0.00	
	2009	0.00	0.00	0.00	0.00	0.28	0.00	
	2010	0.00	0.02	0.00	0.00	0.60	0.00	
	Mean	**10.82**	**16.50**	**0.03**	**0.03**	**8.35**	**0.02**	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	2	3	4	5	6	7	8	9
Luni Basin (Hemawas bund)	1973	548.99	643.13	8.39	8.45	90.86	0.18	
	1974	0.00	0.00	7.39	7.48	1.34	0.00	
	1975	144.72	242.90	5.91	6.40	101.28	0.28	
	1976	50.51	95.42	10.01	11.03	46.79	0.15	
	1977	253.55	355.55	9.39	9.48	96.79	0.33	
	1978	87.05	135.15	8.95	9.43	50.57	0.15	
	1979	422.70	500.58	9.07	9.24	73.29	0.23	
	1980	389.86	429.13	8.92	9.03	40.47	0.14	
	1981	0.01	0.10	6.06	6.10	1.84	0.00	
	1982	3.95	8.84	2.55	2.81	6.09	0.01	
	1983	71.43	112.29	4.50	5.20	39.93	0.10	
	1984	11.22	26.66	7.39	8.46	17.14	0.05	
	1985	0.95	4.32	3.83	5.58	3.15	0.01	
	1986	14.22	31.81	2.47	4.53	15.73	0.05	
	1987	0.00	0.00	2.09	4.39	0.73	0.00	
	1988	64.09	90.23	4.90	5.72	27.71	0.08	
	1989	18.12	35.06	7.29	8.59	17.20	0.05	
	1990	206.17	264.96	9.41	10.12	60.55	0.19	
	1991	75.64	105.21	8.57	8.63	29.71	0.09	
	1992	194.10	270.53	8.56	8.64	58.41	0.16	
	1993	50.16	80.02	9.47	9.61	31.30	0.11	
	1994	134.60	200.64	8.47	8.72	68.19	0.19	
	1995	200.64	245.91	9.24	9.29	44.23	0.11	
	1996	55.02	90.32	8.53	8.65	35.20	0.11	
	1997	97.05	138.52	8.83	8.94	44.80	0.15	
	1998	1.90	6.23	5.28	5.71	4.45	0.01	
	1999	21.58	35.35	4.41	6.18	13.35	0.05	
	2000	0.72	2.64	2.43	3.81	3.27	0.01	
	2001	71.65	98.05	6.59	7.02	28.89	0.10	
	2002	0.05	0.24	4.87	4.91	1.91	0.00	
	2003	66.74	98.50	6.85	7.25	33.96	0.08	
	2004	8.73	22.57	5.78	7.13	13.23	0.03	
	2005	2.08	6.45	2.84	4.37	5.26	0.02	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2006	277.86	335.02	7.81	8.24	59.18	0.13	
	2007	74.86	122.43	8.73	8.88	38.18	0.17	
	2008	6.76	19.27	4.76	6.16	9.02	0.03	
	2009	3.76	12.96	2.39	4.28	7.67	0.03	
	2010	16.73	38.22	1.43	2.99	22.93	0.06	
	Mean	**96.00**	**129.08**	**6.43**	**7.14**	**32.75**	**0.10**	
Luni Basin *(Jaswant sagar)	1973	1.15	2.85	0.02	0.06	7.20	0.01	1.16
	1974	0.01	0.03	0.00	0.00	1.65	0.00	0.01
	1975	7.87	16.21	0.18	0.37	22.86	0.05	9.21
	1976	69.18	135.76	1.53	2.96	111.54	0.35	76.63
	1977	16.18	26.18	0.32	0.52	22.48	0.04	16.18
	1978	0.06	0.48	0.00	0.01	5.11	0.02	0.06
	1979	255.23	373.70	5.11	7.48	147.47	0.38	255.37
	1980	0.26	0.76	0.01	0.02	5.63	0.02	0.26
	1981	3.21	5.18	0.06	0.10	7.59	0.02	3.21
	1982	0.03	0.12	0.00	0.00	3.80	0.01	0.03
	1983	177.85	267.03	3.68	5.55	122.02	0.27	184.19
	1984	2.38	3.99	0.05	0.08	6.80	0.02	2.39
	1985	0.34	1.24	0.01	0.02	4.67	0.01	0.34
	1986	0.00	0.01	0.00	0.00	1.61	0.00	0.00
	1987	0.00	0.00	0.00	0.00	0.89	0.00	0.00
	1988	11.45	13.99	0.23	0.28	6.64	0.02	11.45
	1989	0.42	1.19	0.01	0.02	4.19	0.01	0.43
	1990	0.28	0.64	0.01	0.02	4.39	0.01	0.42
	1991	0.03	0.20	0.00	0.00	2.03	0.00	0.03
	1992	0.58	1.51	0.01	0.03	4.29	0.01	0.61
	1993	4.85	8.43	0.10	0.17	11.70	0.05	4.85
	1994	24.38	39.92	0.53	0.86	25.05	0.04	26.36
	1995	9.58	17.56	0.20	0.36	18.74	0.03	9.82
	1996	24.23	33.53	0.53	0.75	22.12	0.06	26.66
	1997	20.95	26.99	0.50	0.67	20.38	0.04	24.90
	1998	0.04	0.19	0.00	0.00	4.30	0.01	0.05
	1999	3.47	6.48	0.07	0.13	8.20	0.01	3.47

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2000	0.95	2.34	0.02	0.05	7.11	0.02	1.15
	2001	3.95	8.06	0.09	0.17	13.78	0.04	4.28
	2002	0.00	0.00	0.00	0.00	1.39	0.00	0.00
	2003	61.39	67.22	1.23	1.35	13.00	0.04	61.43
	2004	0.25	0.97	0.01	0.02	4.58	0.01	0.25
	2005	2.35	3.78	0.07	0.11	8.36	0.02	3.37
	2006	0.03	0.11	0.01	0.02	4.48	0.01	0.30
	2007	12.60	22.12	0.25	0.44	16.06	0.09	12.60
	2008	4.67	7.10	0.09	0.14	7.97	0.02	4.67
	2009	0.00	0.01	0.00	0.00	1.74	0.01	0.00
	2010	67.98	82.96	1.37	1.68	28.85	0.09	68.53
	Mean	**20.74**	**31.02**	**0.43**	**0.64**	**18.70**	**0.05**	**21.44**
Luni Basin (Jawai dam)	1973	748.54	833.80	8.07	11.05	92.15	0.18	
	1974	0.06	0.22	12.22	12.25	1.30	0.00	
	1975	139.04	215.83	10.78	11.06	89.15	0.29	
	1976	55.35	87.42	12.67	12.78	41.38	0.16	
	1977	30.96	60.33	12.12	12.52	36.83	0.14	
	1978	95.62	147.26	12.05	12.50	65.89	0.22	
	1979	100.69	130.38	12.91	13.00	38.43	0.15	
	1980	3.70	6.87	11.75	11.90	7.26	0.03	
	1981	1.77	3.37	8.98	9.21	4.47	0.02	
	1982	4.41	7.66	6.99	7.33	9.00	0.03	
	1983	179.46	244.01	8.89	9.25	71.03	0.27	
	1984	6.71	12.46	11.58	11.73	12.30	0.03	
	1985	6.09	12.59	9.37	9.84	10.54	0.04	
	1986	46.61	88.44	8.29	9.84	48.21	0.15	
	1987	0.07	0.21	8.88	11.79	1.17	0.00	
	1988	35.14	61.92	6.58	9.17	41.16	0.11	
	1989	20.00	39.51	6.62	9.86	26.72	0.07	
	1990	396.56	450.03	11.04	12.56	65.02	0.22	
	1991	11.65	22.54	11.41	11.77	18.78	0.07	
	1992	248.01	323.35	11.26	11.59	85.98	0.25	
	1993	71.25	115.27	13.14	13.21	50.67	0.20	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1994	82.83	138.76	12.85	12.96	72.89	0.20	
	1995	79.30	108.19	12.90	12.98	34.21	0.11	
	1996	51.48	89.77	12.44	12.63	50.04	0.19	
	1997	64.48	122.54	12.16	12.36	67.93	0.22	
	1998	26.50	49.74	11.83	12.54	33.51	0.12	
	1999	47.32	80.43	11.48	13.09	43.80	0.15	
	2000	30.04	52.85	11.15	13.00	27.28	0.12	
	2001	70.84	102.03	11.49	12.38	39.62	0.13	
	2002	1.30	2.40	10.25	10.75	3.59	0.01	
	2003	57.29	105.94	9.86	11.59	57.16	0.18	
	2004	11.08	20.10	9.25	11.53	19.10	0.08	
	2005	17.43	34.17	7.81	10.27	24.89	0.07	
	2006	385.68	460.87	11.87	12.72	83.05	0.16	
	2007	128.93	163.20	12.96	13.01	39.69	0.17	
	2008	29.75	59.03	11.53	12.61	33.94	0.12	
	2009	5.69	11.56	9.13	10.50	10.07	0.03	
	2010	118.99	202.15	5.81	6.18	95.08	0.24	
	Mean	**89.75**	**122.82**	**10.54**	**11.46**	**40.88**	**0.13**	
	1973	21.41	27.07	1.51	1.63	5.74	0.01	
	1974	0.00	0.00	2.32	2.32	0.00	0.00	
	1975	16.99	23.48	1.88	2.19	6.56	0.02	
	1976	2.83	4.47	2.20	2.67	1.66	0.01	
	1977	9.21	12.56	1.78	2.39	3.40	0.01	
	1978	7.21	9.85	1.78	2.42	2.67	0.01	
	1979	44.52	47.88	2.96	3.20	3.38	0.01	
	1980	0.39	0.63	1.84	1.87	0.25	0.00	
	1981	0.00	0.00	0.39	0.41	0.00	0.00	
	1982	2.57	4.15	0.32	0.47	1.59	0.01	
	1983	3.29	5.30	0.61	0.97	2.04	0.01	
	1984	0.00	0.00	0.34	0.57	0.00	0.00	
	1985	0.40	0.65	0.10	0.17	0.25	0.00	
	1986	2.26	3.53	0.31	0.48	1.27	0.01	
	1987	0.00	0.00	0.19	0.31	0.00	0.00	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Luni Basin (Kharda bund)	1988	4.72	7.21	0.62	0.93	2.53	0.01	
	1989	1.34	2.17	0.53	0.84	0.84	0.00	
	1990	46.21	52.48	3.26	3.39	6.34	0.02	
	1991	2.34	3.54	1.79	1.93	1.22	0.00	
	1992	22.02	27.54	2.83	2.97	5.57	0.02	
	1993	1.28	2.08	1.72	1.83	0.80	0.00	
	1994	20.19	25.48	3.39	3.50	5.33	0.02	
	1995	11.83	14.52	3.06	3.45	2.72	0.01	
	1996	15.73	21.20	3.34	3.47	5.52	0.02	
	1997	30.37	34.44	3.42	3.44	4.07	0.02	
	1998	0.00	0.00	1.23	1.24	0.00	0.00	
	1999	6.77	8.28	1.31	1.53	1.51	0.01	
	2000	0.77	1.25	0.54	0.71	0.48	0.00	
	2001	11.02	15.50	1.86	2.57	4.53	0.01	
	2002	0.00	0.00	0.61	0.89	0.00	0.00	
	2003	2.71	4.29	0.52	0.80	1.59	0.01	
	2004	0.00	0.00	0.15	0.25	0.00	0.00	
	2005	0.19	0.31	0.05	0.08	0.12	0.00	
	2006	8.44	12.63	1.31	1.92	4.25	0.01	
	2007	24.41	28.04	3.65	3.77	3.66	0.01	
	2008	0.00	0.00	1.15	1.17	0.00	0.00	
	2009	0.00	0.00	0.22	0.22	0.00	0.00	
	2010	6.20	9.38	0.44	0.64	3.22	0.01	
	Mean	**8.62**	**10.79**	**1.46**	**1.67**	**2.19**	**0.01**	
	1973	214.39	243.40	1.72	1.95	32.43	0.07	
	1974	1.44	2.64	2.20	2.24	2.38	0.01	
	1975	70.63	103.07	2.08	2.19	37.01	0.11	
	1976	6.80	13.11	2.36	2.60	9.61	0.03	
	1977	14.86	27.15	2.38	2.59	16.26	0.07	
	1978	6.03	11.71	2.19	2.46	7.80	0.03	
	1979	32.09	46.59	2.21	2.50	15.93	0.06	
	1980	4.18	8.13	2.24	2.47	5.54	0.02	
	1981	1.14	1.92	1.43	1.78	1.97	0.01	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Luni Basin (Ora bund)	1982	1.89	3.46	0.86	1.15	3.19	0.01	
	1983	49.90	68.13	1.58	1.74	21.73	0.06	
	1984	11.16	21.81	2.34	2.43	13.58	0.03	
	1985	5.92	11.36	2.22	2.41	7.14	0.02	
	1986	0.13	0.23	1.57	1.91	0.26	0.00	
	1987	0.01	0.02	0.90	1.11	0.07	0.00	
	1988	0.19	0.33	0.40	0.51	0.39	0.00	
	1989	0.11	0.21	0.21	0.28	0.29	0.00	
	1990	7.09	13.41	0.56	0.98	9.11	0.02	
	1991	0.05	0.09	0.59	1.07	0.13	0.00	
	1992	91.19	117.52	1.56	1.70	28.78	0.06	
	1993	25.72	37.45	2.40	2.42	12.99	0.03	
	1994	0.47	0.79	1.66	1.70	0.83	0.00	
	1995	0.38	0.64	0.94	0.99	0.67	0.00	
	1996	0.14	0.27	0.49	0.54	0.35	0.00	
	1997	0.30	0.53	0.26	0.31	0.61	0.00	
	1998	0.05	0.11	0.14	0.18	0.19	0.00	
	1999	1.74	3.25	0.22	0.36	2.49	0.01	
	2000	7.36	14.51	0.77	1.43	8.42	0.03	
	2001	42.24	57.79	2.15	2.35	18.78	0.07	
	2002	1.77	3.29	1.81	1.95	2.67	0.01	
	2003	38.24	57.33	2.23	2.30	21.52	0.07	
	2004	0.17	0.30	1.73	1.75	0.37	0.00	
	2005	32.06	50.12	2.13	2.18	19.92	0.06	
	2006	40.30	61.36	2.75	2.77	23.20	0.06	
	2007	16.39	27.85	2.53	2.56	12.71	0.05	
	2008	1.54	2.69	1.64	1.75	2.57	0.01	
	2009	1.17	1.96	0.97	1.12	1.94	0.01	
	2010	10.62	21.13	0.75	1.11	13.15	0.03	
	Mean	**19.47**	**27.25**	**1.50**	**1.68**	**9.39**	**0.03**	
	1973	0.01	0.02	0.00	0.00	0.06	0.00	
	1974	0.00	0.00	0.00	0.00	0.03	0.00	
	1975	1.34	2.17	0.01	0.03	2.15	0.01	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Luni Basin (Phool sagar jaliya)	1976	7.56	12.21	0.16	0.22	11.86	0.03	
	1977	0.00	0.00	0.12	0.23	0.03	0.00	
	1978	0.00	0.00	0.00	0.00	0.04	0.00	
	1979	0.14	0.23	0.00	0.01	0.27	0.00	
	1980	0.07	0.11	0.00	0.00	0.16	0.00	
	1981	0.00	0.00	0.00	0.00	0.03	0.00	
	1982	0.00	0.00	0.00	0.00	0.03	0.00	
	1983	6.34	10.23	0.15	0.23	9.97	0.02	
	1984	0.01	0.02	0.05	0.23	0.04	0.00	
	1985	0.00	0.00	0.00	0.00	0.02	0.00	
	1986	0.00	0.00	0.00	0.00	0.01	0.00	
	1987	0.00	0.00	0.00	0.00	0.00	0.00	
	1988	0.00	0.00	0.00	0.00	0.03	0.00	
	1989	0.01	0.02	0.00	0.00	0.05	0.00	
	1990	1.16	1.88	0.01	0.03	1.88	0.00	
	1991	0.24	0.38	0.00	0.01	0.40	0.00	
	1992	0.04	0.06	0.00	0.00	0.10	0.00	
	1993	0.00	0.00	0.00	0.00	0.01	0.00	
	1994	2.06	3.33	0.04	0.07	3.27	0.01	
	1995	0.24	0.40	0.00	0.01	0.43	0.00	
	1996	2.43	3.93	0.04	0.07	3.85	0.01	
	1997	3.95	6.38	0.08	0.17	6.22	0.02	
	1998	0.55	0.89	0.00	0.03	0.91	0.00	
	1999	0.00	0.00	0.00	0.00	0.03	0.00	
	2000	0.19	0.31	0.00	0.01	0.33	0.00	
	2001	0.33	0.54	0.01	0.01	0.58	0.00	
	2002	0.00	0.00	0.00	0.00	0.00	0.00	
	2003	0.03	0.05	0.00	0.00	0.10	0.00	
	2004	0.01	0.01	0.00	0.00	0.04	0.00	
	2005	1.02	1.65	0.01	0.01	1.63	0.01	
	2006	1.27	2.06	0.02	0.03	2.05	0.01	
	2007	0.00	0.00	0.00	0.00	0.02	0.00	
	2008	0.00	0.00	0.00	0.00	0.03	0.00	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2009	0.00	0.01	0.00	0.00	0.03	0.00	
	2010	0.55	0.90	0.01	0.01	0.92	0.00	
	Mean	**0.78**	**1.26**	**0.02**	**0.04**	**1.25**	**0.00**	
Luni Basin (Raipur Luni)	1973	34.20	72.21	0.16	0.16	49.71	0.13	
	1974	7.20	12.87	0.20	0.27	11.95	0.06	
	1975	19.43	40.21	0.22	0.22	28.99	0.07	
	1976	203.10	279.59	0.21	0.22	87.78	0.28	
	1977	34.26	68.53	0.27	0.28	47.70	0.18	
	1978	13.56	27.59	0.22	0.22	21.22	0.06	
	1979	32.07	62.90	0.25	0.25	36.00	0.13	
	1980	125.75	168.62	0.26	0.26	50.06	0.19	
	1981	0.03	0.07	0.00	0.00	0.27	0.00	
	1982	8.28	14.29	0.14	0.18	13.62	0.04	
	1983	101.51	150.76	0.21	0.21	55.96	0.15	
	1984	7.02	12.59	0.10	0.15	11.43	0.04	
	1985	0.04	0.11	0.00	0.00	0.34	0.00	
	1986	0.00	0.00	0.00	0.00	0.07	0.00	
	1987	0.00	0.00	0.00	0.00	0.06	0.00	
	1988	1.29	2.18	0.02	0.04	2.45	0.01	
	1989	3.13	5.35	0.04	0.08	5.09	0.01	
	1990	6.80	13.63	0.13	0.18	10.98	0.03	
	1991	3.58	5.85	0.05	0.09	5.87	0.02	
	1992	24.90	45.84	0.15	0.16	26.35	0.08	
	1993	11.78	21.71	0.26	0.26	18.84	0.06	
	1994	17.25	30.09	0.21	0.22	27.33	0.08	
	1995	13.39	23.42	0.21	0.22	21.29	0.06	
	1996	5.07	8.67	0.09	0.17	8.35	0.03	
	1997	10.24	17.30	0.19	0.20	16.50	0.06	
	1998	0.37	0.65	0.01	0.02	0.90	0.00	
	1999	155.74	215.52	0.22	0.22	67.55	0.20	
	2000	91.41	118.81	0.25	0.26	31.18	0.12	
	2001	8.27	16.99	0.21	0.24	13.28	0.05	
	2002	1.25	2.06	0.01	0.02	2.18	0.01	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	2003	10.24	17.01	0.25	0.26	16.70	0.07	
	2004	18.07	34.49	0.21	0.22	27.49	0.09	
	2005	11.07	23.31	0.11	0.12	17.28	0.06	
	2006	50.36	85.34	0.19	0.20	41.82	0.13	
	2007	20.47	39.88	0.28	0.28	22.23	0.10	
	2008	5.10	8.36	0.10	0.16	8.31	0.03	
	2009	2.42	3.98	0.05	0.09	4.12	0.01	
	2010	14.21	24.21	0.19	0.19	22.63	0.07	
	Mean	**28.23**	**44.08**	**0.15**	**0.17**	**21.94**	**0.07**	
Luni Basin *(Sardar Samand dam)	1973	21.37	33.00			22.38	0.05	47.48
	1974	0.00	0.00			0.91	0.00	0.00
	1975	128.58	175.22			78.86	0.21	143.62
	1976	221.07	305.03			96.08	0.28	418.43
	1977	34.44	64.23			33.43	0.10	64.11
	1978	0.00	0.00			1.15	0.00	2.75
	1979	264.45	311.94			57.83	0.19	296.53
	1980	33.17	51.32			19.38	0.07	158.05
	1981	0.31	0.68			2.15	0.01	0.34
	1982	9.28	13.14			8.66	0.03	16.07
	1983	88.77	130.37			56.47	0.14	190.27
	1984	0.00	0.00			0.88	0.00	0.00
	1985	0.00	0.00			0.96	0.00	0.00
	1986	0.90	1.66			2.82	0.01	0.90
	1987	0.00	0.00			0.19	0.00	0.00
	1988	0.00	0.01			3.00	0.01	0.55
	1989	0.00	0.00			1.63	0.00	0.20
	1990	5.02	11.05			13.37	0.06	11.38
	1991	0.00	0.00			1.41	0.00	0.00
	1992	55.85	80.93			32.80	0.07	80.74
	1993	0.00	0.00			0.67	0.00	0.97
	1994	52.22	74.61	0.00	0.00	38.78	0.08	69.46
	1995	0.00	3.24	1.19	3.27	13.20	0.03	9.75
	1996	0.80	1.92	0.11	0.27	6.00	0.02	1.53

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	1997	28.51	43.48	5.10	8.61	24.22	0.06	38.48
	1998	0.35	0.90	0.22	1.24	2.27	0.00	0.35
	1999	108.87	157.02	18.34	18.66	55.10	0.11	264.56
	2000	19.34	26.36	17.50	17.78	8.00	0.03	110.19
	2001	0.00	0.00	1.65	2.58	2.32	0.00	0.06
	2002	0.00	0.00	0.00	0.00	0.38	0.00	0.00
	2003	0.00	0.00	0.00	0.71	0.96	0.00	0.02
	2004	0.00	0.00	0.83	3.07	1.61	0.00	7.50
	2005	0.17	2.20	0.61	2.29	9.13	0.02	9.08
	2006	11.38	24.56	9.71	16.27	22.13	0.05	61.63
	2007	8.69	14.89	5.89	12.37	9.07	0.05	29.13
	2008	0.00	0.00	0.06	0.41	2.05	0.00	0.62
	2009	0.00	0.00	0.00	0.00	0.41	0.00	0.00
	2010	0.17	1.26	0.44	1.67	3.85	0.01	4.58
	Mean	**28.78**	**40.24**	**3.63**	**5.25**	**16.70**	**0.04**	**53.67**
	1973	467.96	469.45	7.70	7.77	1.81	0.53	
	1974	5.64	6.17	6.18	6.22	1.13	0.41	
	1975	139.72	140.88	5.82	5.89	1.04	0.31	
	1976	103.86	104.72	7.23	7.25	1.01	0.30	
	1977	99.97	100.88	8.45	8.46	0.94	0.34	
	1978	96.77	97.75	7.87	7.88	0.90	0.30	
	1979	95.25	96.21	7.87	7.88	0.87	0.29	
	1980	68.75	69.64	8.69	8.70	0.84	0.30	
	1981	2.06	2.49	4.71	4.75	0.47	0.14	
	1982	23.37	24.31	3.03	3.15	0.73	0.25	
	1983	189.07	190.26	5.90	5.98	1.17	0.33	
	1984	79.15	80.81	6.88	6.91	1.00	0.30	
	1985	67.91	68.75	7.00	7.00	0.79	0.25	
	1986	17.99	18.34	5.83	5.86	0.43	0.14	
	1987	0.08	0.10	3.15	3.19	0.13	0.05	
	1988	25.55	26.14	2.54	2.59	0.42	0.11	
	1989	15.66	16.11	3.57	3.66	0.43	0.13	
	1990	121.59	122.56	5.47	5.53	0.88	0.24	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
West Banas Basin (West Banas dam)	1991	9.81	10.06	5.54	5.56	0.44	0.14	
	1992	96.77	98.09	5.74	5.78	0.85	0.25	
	1993	47.40	48.29	8.11	8.13	0.84	0.29	
	1994	52.13	52.88	5.89	5.91	0.66	0.18	
	1995	19.57	20.04	6.29	6.33	0.51	0.16	
	1996	11.38	11.82	4.26	4.34	0.43	0.13	
	1997	49.14	49.91	4.51	4.57	0.63	0.18	
	1998	2.43	2.62	5.09	5.10	0.38	0.12	
	1999	5.33	5.77	2.01	2.07	0.37	0.13	
	2000	26.36	27.15	3.15	3.27	0.67	0.24	
	2001	16.01	16.79	4.36	4.52	0.71	0.24	
	2002	2.24	2.67	2.56	2.71	0.46	0.17	
	2003	32.76	33.72	3.37	3.51	0.80	0.26	
	2004	1.57	2.12	3.85	4.01	0.57	0.19	
	2005	39.58	40.61	3.48	3.63	0.79	0.25	
	2006	182.19	183.61	7.92	8.04	1.28	0.39	
	2007	71.12	72.30	8.82	8.84	1.11	0.39	
	2008	6.75	7.44	5.25	5.32	0.64	0.22	
	2009	3.97	4.64	2.26	2.39	0.59	0.20	
	2010	72.16	73.23	4.09	4.18	0.79	0.25	
	Mean	**62.34**	**63.14**	**5.38**	**5.44**	**0.75**	**0.24**	
	1973	192.96	195.02			2.19	0.59	
	1974	3.41	3.98			1.20	0.39	
	1975	105.52	107.41			1.51	0.37	
	1976	128.50	131.11			2.88	0.80	
	1977	44.78	46.78			2.42	0.70	
	1978	4.55	6.28			1.50	0.44	
	1979	2.72	4.18			1.34	0.43	
	1980	3.89	5.37			1.41	0.49	
	1981	2.50	3.90			1.18	0.35	
	1982	1.68	2.71			1.12	0.38	
	1983	5.49	7.33			1.50	0.43	
	1984	5.11	6.61			1.45	0.42	

Basin(Project)	Year	Water Yield Scenario 1, MCM	Water Yield Scenario 2, MCM	Reservoir Evaporation Scenario 1, MCM	Reservoir Evaporation Scenario 2, MCM	Recharge from WHS, MCM	Evaporation from WHS, MCM	Actual Water yield (Scenario 1, from entire catchment), MCM
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Sukli (Sukli selwara)	1985	2.75	3.95			1.14	0.36	
	1986	1.05	1.64			0.74	0.24	
	1987	0.04	0.12			0.19	0.06	
	1988	2.85	4.19			1.00	0.30	
	1989	3.04	4.50			1.23	0.38	
	1990	20.51	22.89			2.67	0.78	
	1991	1.30	2.01			1.18	0.37	
	1992	20.06	23.28			2.39	0.66	
	1993	4.55	5.94			1.94	0.62	
	1994	24.20	26.10			1.78	0.45	
	1995	2.95	4.32			1.30	0.41	
	1996	1.51	2.40			1.02	0.33	
	1997	5.90	7.83			1.44	0.41	
	1998	5.90	8.17			1.83	0.54	
	1999	0.80	1.33			1.15	0.38	
	2000	1.50	2.32			0.73	0.24	
	2001	5.72	7.51			1.40	0.41	
	2002	0.76	1.31			0.79	0.26	
	2003	7.74	9.49			1.37	0.38	
	2004	3.60	5.14			1.38	0.45	
	2005	4.09	5.73			1.34	0.41	
	2006	18.78	20.06			1.62	0.44	
	2007	4.96	6.62			1.58	0.50	
	2008	1.88	2.98			1.09	0.33	
	2009	1.66	2.52	0.28	0.39	0.94	0.30	
	2010	6.59	8.74	1.05	1.43	1.45	0.38	
	Mean	**17.26**	**18.73**	**0.66**	**0.91**	**1.43**	**0.42**	

Appendix III

Simulated Water Yield, Evaporation and Recharge Components for Minor Projects Study

(Details in soft copy)

Appendix III - Abstract

Mean Simulated Water Yield, Evaporation and Recharge Components for Minor Projects Study

Basin	Lumped Minor projects in Sub-basin	Water yield Scenario 1, Mm^3	Water yield Scenario 2, Mm^3	Minor Dam Evaporation Scenario 1, Mm^3	Minor Dam Evaporation Scenario 2, Mm^3	Evaporation from WHS, Mm^3	Recharge from WHS, Mm^3
Banas	Banas	167.49	203.23	13.21	14.54	15.80	49.42
Banas	Kalisil	12.46	13.90	0.28	0.29	0.65	2.19
Banas	Mashi	24.54	31.48	1.26	1.34	3.06	9.56
Banas	Morel	121.92	155.75	9.83	10.66	14.73	48.96
Banas	Sodra	14.62	20.55	1.75	2.02	2.50	7.97
Banganga	Banganga	723.45	821.20	41.29	43.97	36.88	131.34
Chambal	Chakan	3.80	5.38	0.29	0.35	0.76	2.39
Chambal	Chambal Downstream	45.97	49.90	0.41	0.43	1.69	6.07
Chambal	Kali Sindh	146.73	157.60	1.13	1.14	5.72	17.75
Chambal	Kunu	3.12	3.89	0.01	0.01	0.34	1.26
Chambal	Mej	19.90	26.66	0.40	0.46	3.23	10.02
Chambal	Parwati	36.96	42.40	0.66	0.68	2.67	8.59
Gambhir	Gambhir	219.36	252.27	13.01	13.89	12.81	44.92
Luni	Bandi (hemawas)	21.56	25.71	0.02	0.03	0.02	7.03
Luni	Guhiya	4.52	6.03	0.01	0.01	0.01	2.58
Luni	Jawai	41.65	56.39	0.07	0.10	0.06	24.59
Luni	Jojri	34.14	43.64	0.04	0.05	0.04	15.90
Luni	Khari	16.37	47.14	0.04	0.11	0.03	12.46
Luni	Luni	336.30	385.87	0.28	0.35	0.18	82.38
Luni	Mithari	38.96	51.35	0.08	0.11	0.05	20.65
Luni	Sagi	49.01	61.62	0.03	0.04	0.06	21.04

Basin	Lumped Minor projects in Sub-basin	Water yield Scenario 1, Mm^3	Water yield Scenario 2, Mm^3	Minor Dam Evaporation Scenario 1, Mm^3	Minor Dam Evaporation Scenario 2, Mm^3	Evaporation from WHS, Mm^3	Recharge from WHS, Mm^3
Luni	Sukri	1.67	2.26	0.00	0.00	0.00	1.02
Luni	Sukri (Sayala)	41.21	45.73	0.04	0.05	0.02	7.53
Mahi	Anas	308.59	325.64	9.11	9.38	7.64	23.24
Mahi	Bhadar	44.11	46.29	3.28	3.40	0.85	2.82
Mahi	Jakham	206.86	212.61	5.14	5.20	2.64	8.22
Mahi	Mahi	573.14	629.92	14.47	14.83	25.76	78.98
Mahi	Moran	138.47	148.61	7.56	7.73	4.50	14.07
Mahi	Som	89.33	102.61	3.36	3.47	6.06	18.45
Other Nallahs Of Jalore	Other Nallahs Of Jalore	120.63	123.39	1.79	1.95	1.36	3.69
Parbati	Parbati	61.69	90.94	0.12	0.18	0.12	47.34
Ruprail	Ruprail	280.66	303.99	8.25	8.61	8.69	34.14
Sabarmati	Sabarmati	116.23	120.33	4.19	4.34	1.29	5.59
Sabarmati	Sei	112.40	121.50	6.46	7.50	2.30	9.67
Sabarmati	Vatrak	77.87	85.81	4.61	4.91	2.18	10.29
Sabarmati	Wakal	170.18	187.13	12.71	13.72	5.10	22.61
Sabi	Sabi	72.16	87.86	2.50	2.68	6.92	25.22
Shekhawati	Dohan	61.01	66.14	2.44	2.73	3.28	7.81
Shekhawati	Kantli	35.31	40.04	3.44	3.99	2.98	6.93
Shekhawati	Mendha	3.38	5.60	0.06	0.09	0.14	3.57
Sukli	Sukli	9.17	11.10	0.38	0.44	0.86	2.91
West Banas	West Banas	17.34	19.61	1.24	1.31	1.09	3.34

Appendix 3 - Minor Projects Annual components

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Banas	Banas	1973	580.59	659.64	17.79	18.48	24.69	84.14
Banas	Banas	1974	399.58	470.12	22.12	22.67	33.03	100.98
Banas	Banas	1975	434.26	508.23	19.43	20.16	26.98	92.08
Banas	Banas	1976	500.42	574.57	21.39	21.85	31.13	99.86
Banas	Banas	1977	479.09	550.48	22.03	22.41	34.19	108.65
Banas	Banas	1978	148.76	180.02	18.62	19.67	22.10	67.62
Banas	Banas	1979	279.98	342.04	17.76	18.68	23.34	71.91
Banas	Banas	1980	93.42	126.45	17.11	18.44	18.91	55.58
Banas	Banas	1981	331.10	395.23	17.52	18.68	23.44	72.16
Banas	Banas	1982	45.72	66.36	14.66	15.22	15.59	46.65
Banas	Banas	1983	189.96	251.48	13.06	13.64	17.61	62.57
Banas	Banas	1984	116.77	158.83	18.38	19.02	23.42	68.53
Banas	Banas	1985	17.49	23.49	10.74	11.69	8.91	25.81
Banas	Banas	1986	98.69	115.38	6.58	7.55	6.30	20.11
Banas	Banas	1987	28.77	37.59	5.53	6.32	4.65	14.04
Banas	Banas	1988	215.02	249.05	9.18	11.51	11.22	36.09
Banas	Banas	1989	63.30	78.20	11.32	14.41	10.11	29.72
Banas	Banas	1990	156.24	199.73	13.11	15.77	15.52	48.54
Banas	Banas	1991	316.91	365.41	16.70	18.11	20.40	63.39
Banas	Banas	1992	135.87	183.03	16.85	17.54	20.89	64.85
Banas	Banas	1993	90.28	121.10	14.97	15.67	17.43	51.73
Banas	Banas	1994	172.52	216.34	14.56	15.68	17.28	54.10
Banas	Banas	1995	281.08	344.74	17.58	18.40	23.18	74.02
Banas	Banas	1996	151.01	172.52	15.32	15.90	17.38	54.08
Banas	Banas	1997	54.34	60.26	8.37	9.50	6.18	19.12
Banas	Banas	1998	162.42	214.90	12.54	13.82	17.12	52.72
Banas	Banas	1999	123.25	155.61	15.82	17.64	17.43	53.29
Banas	Banas	2000	55.38	79.32	13.49	16.27	12.95	37.29
Banas	Banas	2001	30.80	48.54	10.69	13.54	9.64	28.37
Banas	Banas	2002	2.17	2.83	5.14	6.73	2.57	7.30
Banas	Banas	2003	107.14	160.41	8.43	9.74	13.87	49.81

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Banas	Banas	2004	118.63	149.17	15.22	17.07	17.76	52.10
Banas	Banas	2005	103.19	111.10	10.59	12.73	8.22	23.89
Banas	Banas	2006	89.65	108.60	7.46	9.58	6.84	21.95
Banas	Banas	2007	35.04	47.38	8.20	10.74	6.98	20.03
Banas	Banas	2008	34.72	42.09	5.63	7.37	4.15	13.14
Banas	Banas	2009	4.97	6.56	3.07	4.07	1.47	4.54
Banas	Banas	2010	116.20	145.99	5.01	6.28	7.63	27.35
Banas	Banas	**Mean**	**167.49**	**203.23**	**13.21**	**14.54**	**15.80**	**49.42**
Banas	Kalisil	1973	3.07	4.59	0.30	0.31	0.61	2.12
Banas	Kalisil	1974	24.93	26.70	0.36	0.37	0.89	2.92
Banas	Kalisil	1975	44.86	46.87	0.34	0.34	0.90	3.07
Banas	Kalisil	1976	6.05	7.89	0.33	0.33	0.79	2.69
Banas	Kalisil	1977	66.55	69.37	0.36	0.36	1.05	4.08
Banas	Kalisil	1978	37.62	40.29	0.41	0.41	1.14	3.95
Banas	Kalisil	1979	2.73	4.19	0.40	0.40	0.92	2.81
Banas	Kalisil	1980	10.42	12.42	0.33	0.33	0.79	2.59
Banas	Kalisil	1981	34.37	36.20	0.35	0.36	0.92	2.97
Banas	Kalisil	1982	7.55	9.43	0.33	0.33	0.78	2.70
Banas	Kalisil	1983	8.32	10.32	0.34	0.34	0.87	3.14
Banas	Kalisil	1984	2.74	4.00	0.35	0.37	0.68	2.19
Banas	Kalisil	1985	12.20	14.25	0.35	0.35	0.80	2.65
Banas	Kalisil	1986	20.69	22.90	0.36	0.37	0.96	3.14
Banas	Kalisil	1987	0.37	0.60	0.25	0.27	0.41	1.22
Banas	Kalisil	1988	19.65	21.55	0.28	0.29	0.73	2.55
Banas	Kalisil	1989	0.10	0.17	0.21	0.22	0.31	0.96
Banas	Kalisil	1990	0.23	0.37	0.05	0.07	0.03	0.17
Banas	Kalisil	1991	7.73	9.74	0.19	0.20	0.52	1.86
Banas	Kalisil	1992	19.37	21.15	0.35	0.36	0.94	3.25
Banas	Kalisil	1993	6.86	8.95	0.38	0.40	0.99	3.16
Banas	Kalisil	1994	2.96	4.43	0.35	0.35	0.74	2.55
Banas	Kalisil	1995	73.66	75.29	0.33	0.34	0.78	2.81
Banas	Kalisil	1996	12.20	14.15	0.34	0.35	0.82	2.80
Banas	Kalisil	1997	0.25	0.41	0.24	0.25	0.38	1.18
Banas	Kalisil	1998	5.32	7.41	0.25	0.26	0.61	2.08

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Banas	Kalisil	1999	4.93	6.95	0.36	0.37	0.83	2.91
Banas	Kalisil	2000	9.19	11.07	0.39	0.39	1.00	3.08
Banas	Kalisil	2001	6.88	8.73	0.33	0.33	0.82	2.70
Banas	Kalisil	2002	0.16	0.26	0.20	0.22	0.27	0.86
Banas	Kalisil	2003	11.69	13.96	0.22	0.23	0.67	2.59
Banas	Kalisil	2004	0.20	0.34	0.26	0.26	0.42	1.25
Banas	Kalisil	2005	0.01	0.03	0.06	0.07	0.02	0.09
Banas	Kalisil	2006	0.06	0.09	0.01	0.01	0.01	0.04
Banas	Kalisil	2007	0.42	0.67	0.04	0.05	0.07	0.24
Banas	Kalisil	2008	7.70	9.82	0.24	0.25	0.72	2.24
Banas	Kalisil	2009	0.62	0.95	0.22	0.23	0.35	1.08
Banas	Kalisil	2010	0.97	1.56	0.16	0.19	0.21	0.73
Banas	Kalisil	**Mean**	**12.46**	**13.90**	**0.28**	**0.29**	**0.65**	**2.19**
Banas	Mashi	1973	113.42	131.75	1.69	1.74	5.10	16.50
Banas	Mashi	1974	67.43	82.51	2.08	2.14	7.58	22.15
Banas	Mashi	1975	63.38	79.48	1.66	1.68	6.09	20.40
Banas	Mashi	1976	44.18	58.75	1.82	1.85	6.38	20.13
Banas	Mashi	1977	67.19	81.40	1.93	1.95	7.22	22.15
Banas	Mashi	1978	1.17	1.89	1.22	1.32	2.72	7.71
Banas	Mashi	1979	2.05	3.31	0.61	0.80	0.59	1.76
Banas	Mashi	1980	7.46	12.03	1.01	1.19	1.54	4.72
Banas	Mashi	1981	43.01	54.76	1.44	1.46	4.14	12.83
Banas	Mashi	1982	21.73	32.77	1.37	1.38	4.34	13.86
Banas	Mashi	1983	35.29	48.70	1.47	1.49	4.93	16.92
Banas	Mashi	1984	0.46	0.74	1.19	1.24	2.91	7.98
Banas	Mashi	1985	1.90	3.05	0.46	0.58	0.45	1.47
Banas	Mashi	1986	9.49	15.30	0.95	1.07	1.85	5.97
Banas	Mashi	1987	1.29	2.08	0.90	1.02	1.04	2.96
Banas	Mashi	1988	6.10	9.82	0.81	1.04	1.11	3.66
Banas	Mashi	1989	6.78	10.95	1.23	1.41	1.76	5.45
Banas	Mashi	1990	4.84	7.81	1.28	1.43	1.62	4.90
Banas	Mashi	1991	20.98	32.29	1.35	1.46	3.34	11.09
Banas	Mashi	1992	10.71	17.28	1.51	1.55	3.77	11.49
Banas	Mashi	1993	6.63	10.71	1.44	1.49	2.36	6.96

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Banas	Mashi	1994	16.48	25.82	1.43	1.47	3.29	10.84
Banas	Mashi	1995	48.22	60.15	1.49	1.51	4.75	15.13
Banas	Mashi	1996	7.81	12.79	1.39	1.44	3.35	10.62
Banas	Mashi	1997	0.14	0.22	0.93	0.95	1.01	2.81
Banas	Mashi	1998	55.97	70.54	1.20	1.21	4.75	14.38
Banas	Mashi	1999	98.14	110.99	1.64	1.66	5.80	18.34
Banas	Mashi	2000	0.43	0.70	1.11	1.17	2.45	6.73
Banas	Mashi	2001	5.40	8.73	0.92	1.07	1.31	3.90
Banas	Mashi	2002	0.03	0.06	0.60	0.73	0.38	1.09
Banas	Mashi	2003	5.99	9.68	0.59	0.71	0.94	3.41
Banas	Mashi	2004	10.41	16.80	1.30	1.45	2.36	7.40
Banas	Mashi	2005	7.63	12.31	1.55	1.61	2.74	8.20
Banas	Mashi	2006	5.32	8.59	1.30	1.43	1.70	5.29
Banas	Mashi	2007	16.30	25.94	1.56	1.68	3.80	10.84
Banas	Mashi	2008	5.36	8.64	1.35	1.43	2.38	7.43
Banas	Mashi	2009	1.61	2.60	0.93	1.09	0.85	2.48
Banas	Mashi	2010	111.81	124.23	1.09	1.20	3.74	13.19
Banas	Mashi	**Mean**	**24.54**	**31.48**	**1.26**	**1.34**	**3.06**	**9.56**
Banas	Morel	1973	213.36	265.44	11.06	11.25	18.94	65.21
Banas	Morel	1974	159.59	207.05	12.31	12.51	22.67	71.46
Banas	Morel	1975	442.18	498.78	11.18	11.34	20.75	72.94
Banas	Morel	1976	307.26	366.73	12.39	12.80	23.95	79.71
Banas	Morel	1977	275.84	336.14	13.06	13.29	24.80	85.64
Banas	Morel	1978	238.83	292.45	12.35	12.69	21.76	72.80
Banas	Morel	1979	31.78	51.26	11.97	12.89	16.48	50.03
Banas	Morel	1980	58.18	93.09	10.54	11.66	12.85	41.08
Banas	Morel	1981	970.28	1032.87	12.54	12.86	22.07	72.53
Banas	Morel	1982	70.09	109.20	12.21	12.63	19.56	63.94
Banas	Morel	1983	178.89	231.88	11.68	12.20	19.46	69.65
Banas	Morel	1984	17.43	28.15	10.36	11.11	13.58	42.02
Banas	Morel	1985	72.72	114.54	9.29	10.30	13.00	44.94
Banas	Morel	1986	40.67	61.22	10.09	10.82	12.87	41.21
Banas	Morel	1987	7.06	11.42	5.92	6.78	4.94	15.07
Banas	Morel	1988	90.84	135.36	8.22	9.11	13.47	45.38

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Banas	Morel	1989	5.05	8.17	7.91	8.36	7.97	24.59
Banas	Morel	1990	30.00	48.41	5.10	6.34	5.33	18.71
Banas	Morel	1991	53.69	86.22	8.03	9.62	10.38	35.65
Banas	Morel	1992	145.33	197.80	12.01	12.77	19.82	68.17
Banas	Morel	1993	33.71	54.00	11.83	12.74	16.76	52.17
Banas	Morel	1994	50.31	80.74	9.50	11.11	11.64	40.04
Banas	Morel	1995	243.80	296.14	11.46	12.46	18.85	65.81
Banas	Morel	1996	70.84	107.13	11.72	11.95	18.27	61.56
Banas	Morel	1997	51.89	83.08	10.65	11.25	13.76	48.13
Banas	Morel	1998	139.45	195.16	12.74	13.54	21.76	72.29
Banas	Morel	1999	43.16	69.58	11.72	12.71	17.27	56.27
Banas	Morel	2000	17.51	27.89	9.20	10.34	9.17	27.69
Banas	Morel	2001	50.75	76.88	6.74	8.05	9.00	29.64
Banas	Morel	2002	8.01	12.95	5.23	6.45	5.47	17.21
Banas	Morel	2003	51.93	83.14	5.31	6.69	8.40	30.55
Banas	Morel	2004	43.94	70.42	9.07	11.17	12.26	40.66
Banas	Morel	2005	214.43	269.66	11.89	12.81	20.14	64.62
Banas	Morel	2006	27.15	41.36	8.77	9.10	12.31	39.72
Banas	Morel	2007	9.58	15.47	4.76	5.53	4.70	14.80
Banas	Morel	2008	98.03	149.42	8.53	9.26	15.19	51.49
Banas	Morel	2009	12.97	20.94	9.07	9.75	10.74	33.37
Banas	Morel	2010	56.41	88.23	7.07	8.75	9.30	33.81
Banas	Morel	**Mean**	**121.92**	**155.75**	**9.83**	**10.66**	**14.73**	**48.96**
Banas	Sodra	1973	62.15	83.81	2.32	2.40	4.54	16.35
Banas	Sodra	1974	48.42	67.76	4.35	4.51	8.64	26.14
Banas	Sodra	1975	66.05	87.25	3.67	3.82	7.16	24.03
Banas	Sodra	1976	85.65	105.58	4.34	4.43	9.03	28.20
Banas	Sodra	1977	68.52	87.04	4.33	4.42	9.14	28.61
Banas	Sodra	1978	8.25	13.38	3.52	3.80	5.08	15.06
Banas	Sodra	1979	28.44	43.29	3.04	3.22	4.99	16.31
Banas	Sodra	1980	0.65	1.06	2.20	2.26	2.58	7.02
Banas	Sodra	1981	4.73	7.62	1.15	1.51	1.08	3.32
Banas	Sodra	1982	0.01	0.02	0.70	1.09	0.37	1.11
Banas	Sodra	1983	12.43	20.05	1.22	1.58	1.83	6.31

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Banas	Sodra	1984	3.15	5.07	2.03	2.65	1.90	5.87
Banas	Sodra	1985	12.57	20.27	1.81	2.31	2.00	7.11
Banas	Sodra	1986	0.26	0.42	1.82	2.09	1.42	4.30
Banas	Sodra	1987	0.11	0.17	0.58	0.69	0.12	0.34
Banas	Sodra	1988	2.74	4.41	0.33	0.46	0.35	1.28
Banas	Sodra	1989	0.92	1.49	0.52	0.83	0.48	1.41
Banas	Sodra	1990	13.17	21.24	1.30	1.68	1.97	7.30
Banas	Sodra	1991	42.84	58.66	3.20	3.62	5.28	16.96
Banas	Sodra	1992	9.04	14.90	2.96	3.18	4.32	14.43
Banas	Sodra	1993	0.38	0.62	2.09	2.46	1.48	4.10
Banas	Sodra	1994	0.24	0.39	0.52	0.65	0.11	0.37
Banas	Sodra	1995	23.60	37.30	1.87	1.97	3.73	12.24
Banas	Sodra	1996	3.40	5.52	2.35	2.53	2.81	8.85
Banas	Sodra	1997	0.45	0.72	1.07	1.39	0.62	1.95
Banas	Sodra	1998	13.68	22.13	1.51	1.79	2.13	7.87
Banas	Sodra	1999	11.45	18.49	3.00	3.43	3.38	10.04
Banas	Sodra	2000	3.59	5.83	2.06	2.45	1.64	5.29
Banas	Sodra	2001	7.88	12.76	2.02	2.80	2.05	6.13
Banas	Sodra	2002	0.01	0.03	1.27	1.81	0.70	1.90
Banas	Sodra	2003	0.17	0.27	0.27	0.42	0.04	0.16
Banas	Sodra	2004	0.25	0.40	0.09	0.16	0.06	0.18
Banas	Sodra	2005	0.04	0.07	0.03	0.07	0.01	0.06
Banas	Sodra	2006	0.02	0.04	0.00	0.01	0.00	0.02
Banas	Sodra	2007	2.98	4.80	0.43	0.67	0.68	1.95
Banas	Sodra	2008	1.69	2.73	0.56	0.90	0.54	1.71
Banas	Sodra	2009	2.20	3.55	0.57	0.92	0.58	1.74
Banas	Sodra	2010	13.52	21.81	1.49	1.89	2.15	6.95
Banas	Sodra	**Mean**	**14.62**	**20.55**	**1.75**	**2.02**	**2.50**	**7.97**
Banganga	Banganga	1973	390.62	474.94	44.94	47.63	37.99	132.72
Banganga	Banganga	1974	512.72	626.49	41.80	45.44	39.63	138.07
Banganga	Banganga	1975	1707.26	1839.73	43.27	45.45	41.86	161.61
Banganga	Banganga	1976	729.64	848.28	49.63	51.28	47.83	171.48
Banganga	Banganga	1977	1375.62	1500.70	47.63	49.21	46.11	170.69
Banganga	Banganga	1978	806.13	904.49	47.41	49.26	41.80	147.58

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Banganga	Banganga	1979	168.79	211.85	41.06	43.86	30.25	97.27
Banganga	Banganga	1980	620.93	729.64	35.08	37.68	28.49	103.13
Banganga	Banganga	1981	776.13	872.74	44.47	46.73	38.76	132.77
Banganga	Banganga	1982	615.28	716.38	39.38	42.03	34.17	123.99
Banganga	Banganga	1983	1337.59	1467.55	40.98	43.06	43.19	159.39
Banganga	Banganga	1984	759.32	862.37	46.87	48.73	42.79	150.63
Banganga	Banganga	1985	1013.85	1127.22	45.29	47.25	41.00	148.14
Banganga	Banganga	1986	155.84	197.76	41.28	43.31	32.83	107.63
Banganga	Banganga	1987	96.92	122.53	23.25	25.74	13.46	44.34
Banganga	Banganga	1988	355.03	451.20	22.95	26.18	22.19	84.11
Banganga	Banganga	1989	267.15	339.74	32.39	37.17	28.75	102.36
Banganga	Banganga	1990	510.14	600.81	34.66	39.80	30.06	110.06
Banganga	Banganga	1991	353.20	441.85	38.24	42.89	32.99	116.50
Banganga	Banganga	1992	863.86	983.09	42.51	46.32	38.27	140.77
Banganga	Banganga	1993	733.28	841.38	50.03	52.62	46.58	158.15
Banganga	Banganga	1994	674.87	782.61	45.58	48.17	41.55	147.54
Banganga	Banganga	1995	2321.81	2456.90	46.51	48.67	43.76	158.72
Banganga	Banganga	1996	2098.00	2228.88	50.93	52.34	50.64	183.33
Banganga	Banganga	1997	447.03	546.07	44.41	46.18	39.38	146.07
Banganga	Banganga	1998	1125.00	1248.77	46.21	48.44	45.64	161.54
Banganga	Banganga	1999	508.52	607.74	48.06	49.91	42.56	150.27
Banganga	Banganga	2000	317.67	390.33	43.90	46.41	35.71	119.36
Banganga	Banganga	2001	389.65	481.28	37.87	40.87	31.38	112.48
Banganga	Banganga	2002	55.19	76.41	31.00	34.72	20.68	67.99
Banganga	Banganga	2003	1031.81	1171.40	31.05	33.86	29.66	116.92
Banganga	Banganga	2004	562.54	671.03	48.19	50.16	42.57	148.70
Banganga	Banganga	2005	1082.17	1207.55	49.96	52.03	49.80	172.87
Banganga	Banganga	2006	197.86	254.29	41.26	43.93	33.43	115.09
Banganga	Banganga	2007	246.79	318.36	31.27	35.25	24.75	84.88
Banganga	Banganga	2008	1165.29	1296.02	38.09	41.27	38.75	143.65
Banganga	Banganga	2009	371.26	455.24	45.60	48.18	39.40	135.80
Banganga	Banganga	2010	746.43	851.96	36.16	38.75	32.69	124.47
Banganga	Banganga	**Mean**	**723.45**	**821.20**	**41.29**	**43.97**	**36.88**	**131.34**
Gambhir	Gambhir	1973	331.83	387.76	19.89	20.16	21.14	75.91

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Gambhir	Gambhir	1974	292.48	332.63	20.90	21.53	20.74	67.80
Gambhir	Gambhir	1975	787.97	851.94	19.58	20.20	20.64	77.00
Gambhir	Gambhir	1976	529.16	585.64	20.33	20.52	22.57	78.61
Gambhir	Gambhir	1977	527.72	585.90	20.48	20.61	22.93	81.51
Gambhir	Gambhir	1978	321.18	367.22	19.17	19.30	19.86	67.83
Gambhir	Gambhir	1979	8.66	12.62	13.04	13.31	9.52	29.23
Gambhir	Gambhir	1980	92.17	115.21	8.26	9.36	7.04	24.44
Gambhir	Gambhir	1981	323.20	368.35	12.17	13.09	14.44	47.62
Gambhir	Gambhir	1982	543.00	596.39	15.10	15.53	18.35	63.76
Gambhir	Gambhir	1983	376.56	428.03	17.64	18.10	20.18	72.80
Gambhir	Gambhir	1984	125.35	165.76	16.92	17.32	17.08	58.78
Gambhir	Gambhir	1985	102.09	125.92	13.98	14.94	12.79	44.43
Gambhir	Gambhir	1986	9.46	13.44	9.22	10.29	5.43	18.07
Gambhir	Gambhir	1987	4.96	7.65	3.18	3.89	1.14	4.27
Gambhir	Gambhir	1988	90.34	121.05	6.26	7.58	8.08	28.89
Gambhir	Gambhir	1989	29.85	39.01	8.28	9.70	6.40	21.76
Gambhir	Gambhir	1990	112.00	130.14	6.09	7.07	5.19	20.60
Gambhir	Gambhir	1991	33.42	43.93	6.76	7.75	5.10	18.16
Gambhir	Gambhir	1992	187.76	240.51	10.12	11.25	12.36	47.39
Gambhir	Gambhir	1993	37.77	51.51	13.41	14.38	12.30	40.32
Gambhir	Gambhir	1994	224.56	250.49	10.69	12.12	8.99	32.56
Gambhir	Gambhir	1995	928.39	992.68	15.72	16.44	16.72	61.25
Gambhir	Gambhir	1996	523.38	582.17	19.94	20.15	21.75	78.30
Gambhir	Gambhir	1997	146.02	196.60	17.26	17.54	17.96	65.64
Gambhir	Gambhir	1998	156.07	175.02	14.78	15.49	13.50	46.73
Gambhir	Gambhir	1999	73.49	98.79	11.03	12.07	8.48	32.25
Gambhir	Gambhir	2000	31.07	37.75	8.40	9.74	5.55	18.01
Gambhir	Gambhir	2001	67.51	92.80	6.79	8.44	6.38	22.05
Gambhir	Gambhir	2002	7.82	12.18	5.91	7.43	3.70	12.40
Gambhir	Gambhir	2003	178.97	231.37	8.82	10.05	11.68	45.26
Gambhir	Gambhir	2004	98.83	119.51	14.07	15.17	12.96	42.59
Gambhir	Gambhir	2005	185.91	237.47	15.54	16.77	17.04	56.59
Gambhir	Gambhir	2006	64.68	90.45	15.30	16.62	13.58	45.05
Gambhir	Gambhir	2007	14.10	22.43	9.99	11.70	6.08	19.74

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Gambhir	Gambhir	2008	546.15	613.27	13.79	15.11	18.60	66.56
Gambhir	Gambhir	2009	50.41	64.11	14.94	15.56	12.54	41.19
Gambhir	Gambhir	2010	171.22	198.39	10.69	11.65	7.94	31.54
Gambhir	Gambhir	**Mean**	**219.36**	**252.27**	**13.01**	**13.89**	**12.81**	**44.92**
Parbati	Parbati	1973	96.64	133.13	0.17	0.23	0.16	60.66
Parbati	Parbati	1974	58.21	89.84	0.14	0.20	0.14	52.48
Parbati	Parbati	1975	117.75	157.10	0.21	0.26	0.18	65.48
Parbati	Parbati	1976	133.57	178.05	0.24	0.31	0.23	73.90
Parbati	Parbati	1977	161.59	215.54	0.25	0.32	0.23	89.66
Parbati	Parbati	1978	16.21	26.11	0.04	0.06	0.04	16.44
Parbati	Parbati	1979	36.38	58.00	0.10	0.15	0.13	35.82
Parbati	Parbati	1980	82.63	119.17	0.19	0.26	0.18	60.74
Parbati	Parbati	1981	65.08	100.24	0.14	0.21	0.16	58.48
Parbati	Parbati	1982	56.30	86.27	0.10	0.15	0.10	49.82
Parbati	Parbati	1983	24.94	40.19	0.05	0.09	0.06	25.38
Parbati	Parbati	1984	14.79	23.88	0.04	0.06	0.04	15.05
Parbati	Parbati	1985	24.50	39.52	0.07	0.11	0.08	24.89
Parbati	Parbati	1986	16.54	27.00	0.04	0.07	0.04	16.85
Parbati	Parbati	1987	16.64	27.30	0.04	0.06	0.04	16.89
Parbati	Parbati	1988	62.24	101.37	0.14	0.22	0.15	57.83
Parbati	Parbati	1989	21.39	36.33	0.06	0.10	0.07	21.76
Parbati	Parbati	1990	99.13	138.13	0.17	0.24	0.16	57.67
Parbati	Parbati	1991	40.87	61.77	0.08	0.12	0.08	33.60
Parbati	Parbati	1992	64.51	99.32	0.14	0.20	0.13	55.48
Parbati	Parbati	1993	51.63	75.45	0.11	0.15	0.10	37.09
Parbati	Parbati	1994	37.71	61.74	0.09	0.14	0.10	38.17
Parbati	Parbati	1995	158.21	210.32	0.20	0.25	0.18	80.09
Parbati	Parbati	1996	142.01	198.47	0.21	0.27	0.18	93.94
Parbati	Parbati	1997	49.62	79.29	0.11	0.18	0.13	49.22
Parbati	Parbati	1998	79.96	119.09	0.19	0.28	0.18	65.13
Parbati	Parbati	1999	57.73	88.35	0.12	0.18	0.13	50.88
Parbati	Parbati	2000	35.95	56.13	0.11	0.15	0.11	33.50
Parbati	Parbati	2001	87.26	125.83	0.19	0.25	0.18	64.11
Parbati	Parbati	2002	42.25	67.63	0.09	0.14	0.09	42.19

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Parbati	Parbati	2003	48.34	77.08	0.11	0.16	0.12	47.84
Parbati	Parbati	2004	54.08	82.85	0.11	0.17	0.12	47.80
Parbati	Parbati	2005	54.78	84.93	0.13	0.19	0.14	49.47
Parbati	Parbati	2006	32.05	52.31	0.08	0.12	0.09	32.57
Parbati	Parbati	2007	26.70	43.22	0.06	0.11	0.06	27.21
Parbati	Parbati	2008	99.02	149.61	0.18	0.26	0.18	75.46
Parbati	Parbati	2009	22.37	36.37	0.06	0.09	0.06	22.75
Parbati	Parbati	2010	54.65	88.81	0.12	0.18	0.11	52.49
Parbati	Parbati	**Mean**	**61.69**	**90.94**	**0.12**	**0.18**	**0.12**	**47.34**
Mahi	Anas	1973	1058.21	1079.76	10.44	10.73	8.67	28.88
Mahi	Anas	1974	72.67	93.30	10.12	10.63	8.77	24.70
Mahi	Anas	1975	248.31	267.15	9.10	9.68	8.19	25.72
Mahi	Anas	1976	618.79	640.68	10.53	10.68	8.86	28.39
Mahi	Anas	1977	677.17	695.68	10.89	10.92	9.22	29.95
Mahi	Anas	1978	578.40	595.13	9.90	9.89	7.53	24.00
Mahi	Anas	1979	82.78	99.82	9.17	9.57	7.18	21.34
Mahi	Anas	1980	185.21	203.26	9.53	10.24	8.67	24.92
Mahi	Anas	1981	398.43	417.37	10.28	10.40	8.02	25.42
Mahi	Anas	1982	214.60	235.19	11.10	11.17	8.81	27.03
Mahi	Anas	1983	279.76	297.25	10.12	10.19	8.41	27.18
Mahi	Anas	1984	422.10	438.42	10.58	10.59	8.16	24.50
Mahi	Anas	1985	55.36	71.20	8.06	8.51	6.42	18.70
Mahi	Anas	1986	309.02	326.62	8.77	9.53	8.00	23.28
Mahi	Anas	1987	123.73	141.84	9.72	9.80	7.32	20.97
Mahi	Anas	1988	272.41	291.76	10.97	11.01	8.85	27.05
Mahi	Anas	1989	71.44	85.93	9.91	9.98	7.13	21.01
Mahi	Anas	1990	204.49	221.76	9.29	9.49	7.61	23.78
Mahi	Anas	1991	170.39	186.67	9.88	10.11	8.00	23.40
Mahi	Anas	1992	71.80	88.24	8.46	8.76	6.67	19.84
Mahi	Anas	1993	200.75	218.56	10.55	10.81	8.72	25.45
Mahi	Anas	1994	991.61	1010.96	10.10	10.16	8.28	27.69
Mahi	Anas	1995	113.59	130.25	10.33	10.41	7.87	23.02
Mahi	Anas	1996	735.54	753.99	10.05	10.08	7.98	25.54
Mahi	Anas	1997	405.29	423.74	10.28	10.27	8.40	26.56

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Mahi	Anas	1998	446.63	465.25	9.94	10.05	8.15	25.19
Mahi	Anas	1999	94.63	109.76	9.77	10.13	8.35	24.42
Mahi	Anas	2000	36.83	45.26	5.81	6.54	5.61	14.86
Mahi	Anas	2001	31.52	37.37	2.95	3.39	3.09	8.50
Mahi	Anas	2002	36.08	45.81	2.50	2.88	4.11	11.32
Mahi	Anas	2003	133.09	151.57	5.26	5.79	6.53	20.72
Mahi	Anas	2004	387.16	405.10	9.93	10.18	7.83	23.28
Mahi	Anas	2005	185.66	205.03	10.07	10.27	8.09	24.74
Mahi	Anas	2006	885.12	903.51	10.08	10.09	8.03	26.37
Mahi	Anas	2007	658.84	679.32	11.58	11.55	9.66	28.74
Mahi	Anas	2008	42.75	51.66	7.99	8.09	5.99	17.18
Mahi	Anas	2009	83.13	98.01	4.98	5.64	5.87	17.12
Mahi	Anas	2010	143.26	162.28	7.26	8.09	7.33	22.48
Mahi	Anas	**Mean**	**308.59**	**325.64**	**9.11**	**9.38**	**7.64**	**23.24**
Mahi	Bhadar	1973	127.15	131.38	4.23	4.35	1.11	3.69
Mahi	Bhadar	1974	0.23	0.37	3.07	3.08	0.44	1.21
Mahi	Bhadar	1975	75.13	77.87	2.38	2.43	0.65	2.48
Mahi	Bhadar	1976	99.84	102.96	4.44	4.46	1.12	3.87
Mahi	Bhadar	1977	124.46	127.09	4.66	4.73	1.30	4.34
Mahi	Bhadar	1978	43.64	46.01	4.35	4.37	1.05	3.41
Mahi	Bhadar	1979	3.12	4.67	3.10	3.22	0.70	2.17
Mahi	Bhadar	1980	6.78	8.20	1.89	2.21	0.70	2.12
Mahi	Bhadar	1981	13.88	15.96	2.06	2.32	0.77	2.48
Mahi	Bhadar	1982	7.65	10.17	2.31	2.67	0.88	2.76
Mahi	Bhadar	1983	21.05	24.31	2.51	3.03	1.06	3.57
Mahi	Bhadar	1984	70.91	74.03	3.70	4.00	1.08	3.68
Mahi	Bhadar	1985	5.21	6.93	3.38	3.49	0.77	2.46
Mahi	Bhadar	1986	32.65	35.09	3.14	3.38	0.95	3.11
Mahi	Bhadar	1987	67.37	70.04	3.98	4.03	0.89	2.68
Mahi	Bhadar	1988	115.55	117.82	4.22	4.23	0.97	3.31
Mahi	Bhadar	1989	19.64	22.04	3.98	4.05	0.98	3.20
Mahi	Bhadar	1990	75.65	78.47	4.24	4.33	1.14	3.86
Mahi	Bhadar	1991	39.66	42.07	4.52	4.52	1.06	3.39
Mahi	Bhadar	1992	48.78	51.12	4.13	4.14	0.95	3.19

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Mahi	Bhadar	1993	46.39	48.76	4.37	4.38	1.01	3.24
Mahi	Bhadar	1994	101.32	103.79	3.74	3.75	0.86	3.20
Mahi	Bhadar	1995	42.16	44.58	4.21	4.22	0.97	3.13
Mahi	Bhadar	1996	43.13	45.62	4.33	4.34	1.04	3.48
Mahi	Bhadar	1997	71.27	73.83	4.49	4.54	1.20	3.97
Mahi	Bhadar	1998	40.29	42.72	3.87	3.91	0.90	3.04
Mahi	Bhadar	1999	7.91	9.61	3.79	3.92	0.97	3.02
Mahi	Bhadar	2000	0.32	0.52	1.70	1.87	0.29	0.83
Mahi	Bhadar	2001	11.82	13.62	1.34	1.50	0.54	1.85
Mahi	Bhadar	2002	0.17	0.28	1.22	1.37	0.24	0.72
Mahi	Bhadar	2003	10.43	12.22	1.07	1.24	0.50	1.82
Mahi	Bhadar	2004	16.57	18.90	2.10	2.40	0.86	2.76
Mahi	Bhadar	2005	6.00	7.42	1.98	2.29	0.71	2.30
Mahi	Bhadar	2006	185.33	187.97	2.94	3.11	0.91	3.35
Mahi	Bhadar	2007	51.70	55.78	4.67	4.73	1.21	3.94
Mahi	Bhadar	2008	0.49	0.79	3.03	3.04	0.47	1.40
Mahi	Bhadar	2009	36.67	39.01	2.48	2.53	0.64	2.19
Mahi	Bhadar	2010	5.87	7.10	3.13	3.19	0.63	2.06
Mahi	Bhadar	**Mean**	**44.11**	**46.29**	**3.28**	**3.40**	**0.85**	**2.82**
Mahi	Jakham	1973	777.88	783.69	4.56	4.63	2.33	8.06
Mahi	Jakham	1974	160.28	166.17	5.19	5.26	2.66	7.85
Mahi	Jakham	1975	135.34	140.86	4.85	4.99	2.54	8.11
Mahi	Jakham	1976	381.36	388.93	5.03	5.18	2.83	9.18
Mahi	Jakham	1977	305.22	310.83	5.99	5.99	3.37	10.37
Mahi	Jakham	1978	255.66	261.25	5.09	5.14	2.59	8.26
Mahi	Jakham	1979	100.54	107.70	5.10	5.15	2.58	7.97
Mahi	Jakham	1980	172.52	178.19	6.12	6.22	3.54	10.04
Mahi	Jakham	1981	120.51	127.32	5.19	5.26	2.78	8.82
Mahi	Jakham	1982	80.98	87.39	5.15	5.24	2.73	8.39
Mahi	Jakham	1983	182.58	188.65	5.34	5.43	3.11	10.02
Mahi	Jakham	1984	252.36	257.81	5.21	5.23	2.70	8.37
Mahi	Jakham	1985	159.60	165.63	5.15	5.17	2.52	7.82
Mahi	Jakham	1986	240.55	245.61	5.37	5.38	2.66	7.82
Mahi	Jakham	1987	142.02	147.38	4.79	4.83	2.33	6.68

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Mahi	Jakham	1988	150.76	156.42	5.07	5.09	2.57	7.97
Mahi	Jakham	1989	176.96	182.29	4.99	5.04	2.54	7.84
Mahi	Jakham	1990	308.72	314.99	5.15	5.17	2.72	9.06
Mahi	Jakham	1991	270.99	276.26	5.30	5.31	2.60	8.05
Mahi	Jakham	1992	97.44	103.23	4.97	5.00	2.46	7.87
Mahi	Jakham	1993	260.31	266.04	5.49	5.53	2.93	8.86
Mahi	Jakham	1994	468.29	474.33	5.05	5.10	2.65	9.12
Mahi	Jakham	1995	57.63	62.60	5.04	5.06	2.37	7.23
Mahi	Jakham	1996	278.29	283.98	4.91	4.92	2.36	7.85
Mahi	Jakham	1997	173.00	178.62	4.98	5.00	2.44	8.11
Mahi	Jakham	1998	84.65	90.57	5.18	5.30	2.70	8.39
Mahi	Jakham	1999	73.52	78.79	5.14	5.31	2.73	8.26
Mahi	Jakham	2000	65.65	70.26	5.01	5.13	2.43	6.80
Mahi	Jakham	2001	141.61	147.17	4.96	4.99	2.48	7.66
Mahi	Jakham	2002	49.87	54.91	4.59	4.68	2.21	6.61
Mahi	Jakham	2003	118.01	123.69	4.93	5.02	2.42	7.79
Mahi	Jakham	2004	283.56	289.28	5.31	5.37	2.68	8.09
Mahi	Jakham	2005	195.57	201.72	5.27	5.30	2.61	8.09
Mahi	Jakham	2006	540.75	546.36	5.05	5.08	2.56	8.62
Mahi	Jakham	2007	130.50	136.22	5.57	5.59	2.82	8.25
Mahi	Jakham	2008	169.75	175.35	5.39	5.47	2.72	8.15
Mahi	Jakham	2009	170.16	176.03	5.16	5.18	2.55	7.94
Mahi	Jakham	2010	127.13	132.78	4.79	4.82	2.37	7.84
Mahi	Jakham	**Mean**	**206.86**	**212.61**	**5.14**	**5.20**	**2.64**	**8.22**
Mahi	Mahi	1973	1626.66	1687.31	12.90	13.71	24.76	81.54
Mahi	Mahi	1974	322.55	381.25	15.96	16.05	28.12	80.49
Mahi	Mahi	1975	909.93	970.86	15.15	15.37	27.25	87.72
Mahi	Mahi	1976	699.64	770.81	15.75	15.98	28.15	87.81
Mahi	Mahi	1977	1143.47	1202.58	16.91	17.04	31.92	100.15
Mahi	Mahi	1978	823.56	882.46	15.08	15.21	26.79	84.64
Mahi	Mahi	1979	205.70	259.19	14.01	14.39	23.38	68.04
Mahi	Mahi	1980	280.24	326.06	13.67	14.67	26.11	74.75
Mahi	Mahi	1981	328.30	387.35	12.10	12.88	23.84	75.46
Mahi	Mahi	1982	244.94	300.74	12.01	12.91	24.09	72.05

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Mahi	Mahi	1983	458.80	519.66	13.64	14.31	28.01	90.36
Mahi	Mahi	1984	905.47	962.14	16.06	16.15	27.43	83.20
Mahi	Mahi	1985	113.96	159.10	14.02	14.82	20.73	60.29
Mahi	Mahi	1986	537.04	593.72	14.95	15.65	25.91	75.69
Mahi	Mahi	1987	692.73	748.82	14.42	14.52	23.07	66.03
Mahi	Mahi	1988	486.65	542.54	14.90	15.02	25.66	78.01
Mahi	Mahi	1989	272.10	326.67	14.33	14.55	24.35	74.43
Mahi	Mahi	1990	953.18	1016.50	15.03	15.16	27.61	90.06
Mahi	Mahi	1991	718.36	773.61	15.69	15.75	27.18	80.71
Mahi	Mahi	1992	261.08	322.42	13.85	14.09	24.29	75.29
Mahi	Mahi	1993	557.01	613.78	15.65	15.89	30.23	88.02
Mahi	Mahi	1994	1327.77	1390.35	14.39	14.49	25.89	89.13
Mahi	Mahi	1995	364.00	421.99	15.38	15.42	27.13	80.99
Mahi	Mahi	1996	826.96	888.97	14.83	14.90	26.51	83.87
Mahi	Mahi	1997	497.42	557.21	14.86	14.88	26.23	85.01
Mahi	Mahi	1998	425.25	489.98	15.22	15.32	28.57	88.72
Mahi	Mahi	1999	225.66	278.26	15.85	16.08	28.82	85.63
Mahi	Mahi	2000	107.80	145.92	12.59	13.52	20.80	58.53
Mahi	Mahi	2001	332.77	390.25	12.73	13.45	23.57	72.55
Mahi	Mahi	2002	141.72	187.77	13.09	13.77	20.55	60.86
Mahi	Mahi	2003	396.37	456.65	13.28	14.24	24.78	78.62
Mahi	Mahi	2004	761.65	815.43	14.57	15.06	25.40	76.21
Mahi	Mahi	2005	342.05	403.17	14.97	15.08	25.95	79.24
Mahi	Mahi	2006	1772.39	1832.58	14.68	14.81	26.45	86.95
Mahi	Mahi	2007	783.19	848.79	16.52	16.53	30.44	90.09
Mahi	Mahi	2008	143.48	180.26	13.33	13.77	21.62	63.72
Mahi	Mahi	2009	533.04	592.90	13.30	13.99	23.72	72.85
Mahi	Mahi	2010	256.57	309.10	14.05	14.18	23.63	73.40
Mahi	Mahi	**Mean**	**573.14**	**629.92**	**14.47**	**14.83**	**25.76**	**78.98**
Mahi	Moran	1973	283.67	293.99	7.39	7.55	4.39	14.38
Mahi	Moran	1974	9.79	13.62	6.34	6.51	3.05	8.17
Mahi	Moran	1975	233.55	244.95	5.70	6.16	3.81	13.16
Mahi	Moran	1976	268.25	281.62	8.09	8.16	5.01	16.16
Mahi	Moran	1977	308.02	318.31	8.58	8.76	5.53	17.61

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Mahi	Moran	1978	133.94	144.04	7.93	8.01	4.64	14.33
Mahi	Moran	1979	43.74	56.36	7.34	7.64	4.26	12.93
Mahi	Moran	1980	49.71	59.23	8.83	9.25	5.73	16.62
Mahi	Moran	1981	73.90	83.40	7.62	7.72	4.31	13.01
Mahi	Moran	1982	58.92	72.83	8.50	8.68	5.40	16.17
Mahi	Moran	1983	94.73	105.05	8.37	8.54	5.21	16.57
Mahi	Moran	1984	205.40	216.65	8.44	8.53	5.26	16.72
Mahi	Moran	1985	51.22	61.91	7.79	7.83	4.49	14.04
Mahi	Moran	1986	122.42	132.52	8.17	8.29	4.87	14.70
Mahi	Moran	1987	191.65	201.43	7.64	7.69	4.18	12.10
Mahi	Moran	1988	293.81	303.41	7.67	7.69	4.33	14.00
Mahi	Moran	1989	83.01	93.71	7.73	7.91	4.73	14.82
Mahi	Moran	1990	207.46	218.94	7.96	8.00	4.89	15.81
Mahi	Moran	1991	131.18	141.20	8.14	8.18	4.77	14.48
Mahi	Moran	1992	148.60	158.70	7.40	7.51	4.24	13.53
Mahi	Moran	1993	147.79	156.95	7.94	7.99	4.57	13.97
Mahi	Moran	1994	263.01	273.61	6.88	7.02	4.05	14.26
Mahi	Moran	1995	133.95	144.22	7.87	7.90	4.58	14.30
Mahi	Moran	1996	135.87	146.34	7.89	7.91	4.57	14.54
Mahi	Moran	1997	196.15	206.96	8.19	8.22	5.06	15.90
Mahi	Moran	1998	125.78	137.17	7.75	7.90	4.75	15.33
Mahi	Moran	1999	61.49	71.37	8.39	8.55	5.16	15.43
Mahi	Moran	2000	20.22	28.58	6.75	7.23	3.92	11.38
Mahi	Moran	2001	85.98	95.50	6.47	6.99	3.99	12.62
Mahi	Moran	2002	5.84	8.76	5.22	5.50	2.29	6.28
Mahi	Moran	2003	91.30	102.75	5.63	6.00	3.77	12.48
Mahi	Moran	2004	93.86	103.40	7.71	7.79	4.34	13.33
Mahi	Moran	2005	56.77	67.54	7.45	7.63	4.39	14.06
Mahi	Moran	2006	464.22	475.00	7.78	7.83	4.72	15.99
Mahi	Moran	2007	168.16	179.20	8.33	8.36	5.06	15.66
Mahi	Moran	2008	23.79	32.24	7.08	7.33	4.01	12.30
Mahi	Moran	2009	141.01	151.41	7.00	7.44	4.33	13.43
Mahi	Moran	2010	53.81	64.15	7.30	7.35	4.23	13.96
Mahi	Moran	**Mean**	**138.47**	**148.61**	**7.56**	**7.73**	**4.50**	**14.07**

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Mahi	Som	1973	315.10	330.26	3.31	3.40	5.92	18.98
Mahi	Som	1974	63.24	76.39	3.53	3.61	6.29	18.17
Mahi	Som	1975	87.96	102.88	3.33	3.40	6.24	19.99
Mahi	Som	1976	84.46	102.52	3.63	3.69	6.89	21.59
Mahi	Som	1977	94.04	107.15	3.90	3.96	7.87	23.45
Mahi	Som	1978	111.69	126.98	3.65	3.66	7.05	21.49
Mahi	Som	1979	26.20	38.81	3.20	3.28	4.96	15.02
Mahi	Som	1980	36.26	47.41	4.15	4.26	7.02	19.25
Mahi	Som	1981	35.24	47.29	3.35	3.44	5.11	15.50
Mahi	Som	1982	10.87	17.52	3.01	3.23	3.70	10.68
Mahi	Som	1983	126.39	143.55	3.12	3.32	6.36	21.41
Mahi	Som	1984	129.31	143.48	3.81	3.83	7.43	22.30
Mahi	Som	1985	41.00	54.83	3.46	3.48	6.19	18.65
Mahi	Som	1986	55.08	68.49	3.55	3.58	6.45	18.77
Mahi	Som	1987	101.46	116.16	3.77	3.80	6.70	18.41
Mahi	Som	1988	48.41	62.45	3.39	3.39	6.11	18.32
Mahi	Som	1989	110.70	124.04	3.52	3.57	6.24	19.01
Mahi	Som	1990	135.96	150.64	3.30	3.32	6.39	20.46
Mahi	Som	1991	90.80	103.71	3.48	3.50	6.45	19.28
Mahi	Som	1992	96.50	111.13	3.27	3.27	6.14	19.24
Mahi	Som	1993	104.63	118.51	3.68	3.70	6.92	20.48
Mahi	Som	1994	291.40	307.23	3.52	3.56	6.81	23.39
Mahi	Som	1995	31.12	43.58	3.39	3.51	6.12	18.03
Mahi	Som	1996	85.47	100.10	3.17	3.28	5.82	18.62
Mahi	Som	1997	68.36	82.42	3.29	3.33	6.23	20.23
Mahi	Som	1998	47.99	62.06	3.29	3.42	5.93	18.67
Mahi	Som	1999	19.14	27.72	3.11	3.38	5.74	16.67
Mahi	Som	2000	13.04	20.21	2.50	2.96	3.74	10.45
Mahi	Som	2001	64.98	79.69	3.03	3.31	5.89	17.77
Mahi	Som	2002	13.49	21.36	2.65	2.87	4.24	12.17
Mahi	Som	2003	28.45	39.47	2.42	2.91	4.31	13.60
Mahi	Som	2004	112.13	125.26	3.15	3.38	5.66	17.10
Mahi	Som	2005	77.95	92.58	3.53	3.61	6.43	19.25
Mahi	Som	2006	373.23	388.48	3.66	3.73	6.98	22.40

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Mahi	Som	2007	76.15	89.26	3.49	3.57	6.65	19.00
Mahi	Som	2008	55.06	66.13	3.26	3.38	5.14	15.61
Mahi	Som	2009	80.17	94.94	3.62	3.65	6.47	19.48
Mahi	Som	2010	51.17	64.67	3.23	3.27	5.72	18.10
Mahi	Som	**Mean**	**89.33**	**102.61**	**3.36**	**3.47**	**6.06**	**18.45**
Ruprail	Ruprail	1973	224.12	257.69	10.46	10.55	12.32	47.93
Ruprail	Ruprail	1974	62.64	79.31	9.23	9.36	9.06	32.38
Ruprail	Ruprail	1975	509.18	542.69	8.32	8.41	9.24	40.51
Ruprail	Ruprail	1976	590.65	621.79	10.48	10.40	12.37	48.80
Ruprail	Ruprail	1977	977.22	1010.21	9.72	9.60	11.44	48.93
Ruprail	Ruprail	1978	252.33	278.62	9.48	9.44	10.30	40.41
Ruprail	Ruprail	1979	27.01	40.56	8.28	8.58	7.66	27.16
Ruprail	Ruprail	1980	111.72	129.44	6.91	7.78	6.48	24.78
Ruprail	Ruprail	1981	104.75	124.94	7.40	8.19	7.32	27.36
Ruprail	Ruprail	1982	132.10	155.52	7.42	7.72	7.43	29.83
Ruprail	Ruprail	1983	615.20	647.63	9.10	9.30	10.44	43.36
Ruprail	Ruprail	1984	344.61	367.32	9.52	9.54	9.56	36.64
Ruprail	Ruprail	1985	188.86	214.61	8.76	9.05	9.00	35.26
Ruprail	Ruprail	1986	4.55	7.10	6.61	7.15	5.28	18.73
Ruprail	Ruprail	1987	3.48	5.41	2.57	3.00	1.09	3.97
Ruprail	Ruprail	1988	146.57	168.44	4.19	4.64	5.09	20.83
Ruprail	Ruprail	1989	17.98	25.92	5.92	6.62	4.87	17.56
Ruprail	Ruprail	1990	277.10	305.56	5.87	6.69	6.66	28.30
Ruprail	Ruprail	1991	108.66	122.53	8.13	8.58	7.43	27.52
Ruprail	Ruprail	1992	180.04	207.14	7.54	8.15	7.67	31.79
Ruprail	Ruprail	1993	126.09	149.97	9.91	10.40	10.65	38.57
Ruprail	Ruprail	1994	110.58	134.15	8.64	9.17	8.85	34.72
Ruprail	Ruprail	1995	774.60	805.25	9.17	9.37	9.99	39.34
Ruprail	Ruprail	1996	1329.06	1364.29	10.81	10.70	13.35	53.83
Ruprail	Ruprail	1997	188.29	220.93	9.29	9.36	10.25	44.56
Ruprail	Ruprail	1998	258.78	288.41	10.89	11.14	12.44	48.33
Ruprail	Ruprail	1999	195.64	215.37	9.22	9.54	9.17	35.22
Ruprail	Ruprail	2000	57.18	71.81	7.50	8.23	7.26	26.16
Ruprail	Ruprail	2001	192.82	219.82	7.52	8.21	8.62	33.29

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Ruprail	Ruprail	2002	17.37	22.13	6.18	6.73	4.76	17.02
Ruprail	Ruprail	2003	637.06	671.18	6.70	7.06	8.15	36.01
Ruprail	Ruprail	2004	107.48	129.85	9.08	9.53	9.24	34.40
Ruprail	Ruprail	2005	254.86	286.95	9.81	10.48	11.73	45.22
Ruprail	Ruprail	2006	35.76	46.58	8.25	8.57	7.39	27.57
Ruprail	Ruprail	2007	78.27	98.83	6.83	7.46	6.52	24.92
Ruprail	Ruprail	2008	437.90	473.06	8.98	9.33	11.11	45.12
Ruprail	Ruprail	2009	192.01	216.75	9.58	9.78	10.06	37.99
Ruprail	Ruprail	2010	792.73	823.93	9.11	9.31	10.09	42.84
Ruprail	Ruprail	**Mean**	**280.66**	**303.99**	**8.25**	**8.61**	**8.69**	**34.14**
Sabi	Sabi	1973	59.44	74.99	2.47	2.68	6.87	24.91
Sabi	Sabi	1974	51.17	65.95	2.60	2.79	6.52	22.57
Sabi	Sabi	1975	71.55	88.19	2.41	2.59	6.83	25.65
Sabi	Sabi	1976	77.86	94.34	2.54	2.69	7.46	27.71
Sabi	Sabi	1977	158.07	178.15	2.46	2.59	8.96	35.02
Sabi	Sabi	1978	105.49	126.72	2.80	2.92	9.47	34.43
Sabi	Sabi	1979	50.69	65.18	2.82	2.92	7.10	25.20
Sabi	Sabi	1980	60.90	76.83	2.85	2.96	7.06	24.59
Sabi	Sabi	1981	68.89	85.43	2.79	2.91	7.23	25.76
Sabi	Sabi	1982	60.18	75.90	2.66	2.78	6.78	25.12
Sabi	Sabi	1983	109.33	128.46	2.59	2.69	8.42	32.30
Sabi	Sabi	1984	75.70	92.99	2.85	2.94	7.86	27.35
Sabi	Sabi	1985	85.78	103.22	2.74	2.85	7.63	27.33
Sabi	Sabi	1986	44.35	57.19	2.70	2.83	6.41	22.45
Sabi	Sabi	1987	41.06	52.10	2.61	2.76	4.78	16.27
Sabi	Sabi	1988	77.71	93.90	2.27	2.41	5.99	22.18
Sabi	Sabi	1989	55.37	68.83	2.55	2.72	6.46	22.81
Sabi	Sabi	1990	62.81	77.30	2.24	2.44	5.66	21.21
Sabi	Sabi	1991	58.34	73.13	2.48	2.68	6.08	22.04
Sabi	Sabi	1992	58.07	72.16	2.40	2.61	6.02	22.22
Sabi	Sabi	1993	81.64	99.24	2.52	2.75	8.02	27.97
Sabi	Sabi	1994	62.74	77.85	2.37	2.60	6.75	25.39
Sabi	Sabi	1995	123.55	141.27	2.59	2.84	7.76	28.51
Sabi	Sabi	1996	150.21	170.65	2.71	2.89	10.19	37.92

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Sabi	Sabi	1997	80.34	98.89	2.65	2.76	8.37	32.33
Sabi	Sabi	1998	71.77	89.66	2.83	2.91	8.17	30.14
Sabi	Sabi	1999	57.43	73.06	2.88	2.96	7.23	25.41
Sabi	Sabi	2000	50.93	63.84	2.68	2.82	6.18	21.59
Sabi	Sabi	2001	44.17	56.14	2.21	2.40	4.80	18.13
Sabi	Sabi	2002	33.06	41.25	2.23	2.46	4.50	15.04
Sabi	Sabi	2003	75.57	90.95	1.79	2.00	4.93	19.57
Sabi	Sabi	2004	54.25	68.83	2.39	2.67	6.80	23.52
Sabi	Sabi	2005	85.27	102.54	2.23	2.49	7.33	26.53
Sabi	Sabi	2006	59.40	75.00	2.28	2.57	7.13	25.56
Sabi	Sabi	2007	57.05	70.44	2.29	2.59	6.01	21.60
Sabi	Sabi	2008	88.81	104.81	2.02	2.32	6.77	25.82
Sabi	Sabi	2009	68.16	84.17	2.36	2.67	6.72	23.74
Sabi	Sabi	2010	64.83	79.06	2.25	2.55	5.86	22.63
Sabi	Sabi	**Mean**	**72.16**	**87.86**	**2.50**	**2.68**	**6.92**	**25.22**
Sukli	Sukli	1973	33.89	36.69	0.30	0.34	1.15	4.31
Sukli	Sukli	1974	1.52	2.47	0.56	0.65	0.77	2.30
Sukli	Sukli	1975	18.09	20.38	0.39	0.48	0.80	3.17
Sukli	Sukli	1976	28.95	31.86	0.52	0.60	1.50	5.44
Sukli	Sukli	1977	14.51	16.90	0.60	0.68	1.37	4.74
Sukli	Sukli	1978	6.73	9.06	0.55	0.63	0.90	3.08
Sukli	Sukli	1979	4.45	6.46	0.49	0.57	0.88	2.84
Sukli	Sukli	1980	5.32	7.11	0.42	0.49	0.98	2.88
Sukli	Sukli	1981	4.25	6.18	0.34	0.40	0.72	2.45
Sukli	Sukli	1982	3.05	4.70	0.32	0.37	0.83	2.44
Sukli	Sukli	1983	8.41	10.80	0.28	0.33	0.90	3.18
Sukli	Sukli	1984	7.31	9.27	0.33	0.39	0.88	3.07
Sukli	Sukli	1985	4.40	6.05	0.32	0.37	0.74	2.41
Sukli	Sukli	1986	1.81	2.85	0.28	0.33	0.51	1.62
Sukli	Sukli	1987	0.29	0.47	0.25	0.28	0.14	0.41
Sukli	Sukli	1988	4.94	6.73	0.22	0.25	0.58	1.97
Sukli	Sukli	1989	5.02	6.79	0.24	0.27	0.75	2.46
Sukli	Sukli	1990	27.98	30.90	0.35	0.40	1.47	5.04
Sukli	Sukli	1991	2.11	3.30	0.47	0.53	0.75	2.45

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Sukli	Sukli	1992	30.26	33.95	0.46	0.54	1.25	4.53
Sukli	Sukli	1993	6.71	8.64	0.70	0.82	1.24	3.83
Sukli	Sukli	1994	22.07	24.20	0.53	0.62	0.92	3.65
Sukli	Sukli	1995	4.59	6.33	0.57	0.66	0.83	2.68
Sukli	Sukli	1996	2.78	4.22	0.45	0.54	0.66	2.14
Sukli	Sukli	1997	8.37	10.71	0.36	0.43	0.86	2.94
Sukli	Sukli	1998	10.29	13.39	0.38	0.45	1.14	3.92
Sukli	Sukli	1999	1.53	2.48	0.45	0.52	0.80	2.41
Sukli	Sukli	2000	2.53	3.85	0.35	0.42	0.54	1.63
Sukli	Sukli	2001	8.47	10.71	0.31	0.35	0.88	2.95
Sukli	Sukli	2002	1.55	2.52	0.32	0.36	0.55	1.66
Sukli	Sukli	2003	10.21	12.21	0.28	0.30	0.73	2.66
Sukli	Sukli	2004	5.41	7.41	0.29	0.33	0.89	2.79
Sukli	Sukli	2005	6.05	8.16	0.28	0.30	0.82	2.76
Sukli	Sukli	2006	22.35	24.14	0.29	0.32	0.92	3.41
Sukli	Sukli	2007	7.05	9.20	0.40	0.44	1.04	3.29
Sukli	Sukli	2008	3.38	5.00	0.33	0.37	0.70	2.34
Sukli	Sukli	2009	2.79	4.16	0.29	0.33	0.65	2.04
Sukli	Sukli	2010	9.11	11.61	0.25	0.28	0.74	2.86
Sukli	Sukli	**Mean**	**9.17**	**11.10**	**0.38**	**0.44**	**0.86**	**2.91**
West Banas	West Banas	1973	74.33	77.12	1.10	1.15	1.51	4.98
West Banas	West Banas	1974	3.29	4.91	1.40	1.48	1.19	3.25
West Banas	West Banas	1975	25.26	27.96	1.12	1.21	1.06	3.67
West Banas	West Banas	1976	27.13	29.35	1.26	1.34	1.23	3.99
West Banas	West Banas	1977	30.98	33.34	1.26	1.34	1.31	4.00
West Banas	West Banas	1978	17.84	20.51	1.26	1.34	1.22	3.82
West Banas	West Banas	1979	14.89	17.62	1.32	1.40	1.22	3.59
West Banas	West Banas	1980	13.71	16.16	1.39	1.48	1.35	3.68
West Banas	West Banas	1981	8.66	10.86	1.22	1.28	0.92	2.97
West Banas	West Banas	1982	8.09	10.84	1.21	1.30	1.23	3.54
West Banas	West Banas	1983	26.62	29.49	1.16	1.25	1.36	4.41
West Banas	West Banas	1984	15.53	17.89	1.28	1.35	1.18	3.78
West Banas	West Banas	1985	12.04	14.32	1.27	1.35	1.02	3.13
West Banas	West Banas	1986	4.62	6.08	1.23	1.32	0.78	2.36

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
West Banas	West Banas	1987	1.70	2.61	1.11	1.23	0.45	1.24
West Banas	West Banas	1988	14.88	16.82	0.99	1.10	0.75	2.47
West Banas	West Banas	1989	8.02	9.93	1.12	1.18	0.85	2.64
West Banas	West Banas	1990	34.06	36.59	1.14	1.20	1.16	3.84
West Banas	West Banas	1991	6.82	8.39	1.27	1.34	0.85	2.59
West Banas	West Banas	1992	35.94	38.62	1.25	1.32	1.15	3.74
West Banas	West Banas	1993	12.74	15.21	1.42	1.51	1.36	3.76
West Banas	West Banas	1994	31.62	33.73	1.21	1.29	1.03	3.64
West Banas	West Banas	1995	13.19	15.09	1.35	1.44	0.95	2.90
West Banas	West Banas	1996	7.88	10.00	1.32	1.40	0.96	2.87
West Banas	West Banas	1997	16.67	19.01	1.24	1.31	1.05	3.27
West Banas	West Banas	1998	6.43	8.28	1.25	1.34	0.86	2.62
West Banas	West Banas	1999	7.59	9.77	1.28	1.37	1.03	2.90
West Banas	West Banas	2000	7.51	9.71	1.22	1.31	1.09	2.97
West Banas	West Banas	2001	12.77	15.29	1.14	1.22	1.12	3.34
West Banas	West Banas	2002	3.43	5.02	1.18	1.25	0.86	2.39
West Banas	West Banas	2003	22.26	24.80	1.07	1.15	1.07	3.42
West Banas	West Banas	2004	9.14	11.48	1.28	1.36	1.11	3.20
West Banas	West Banas	2005	17.69	20.26	1.22	1.29	1.15	3.49
West Banas	West Banas	2006	47.32	49.69	1.21	1.26	1.33	4.39
West Banas	West Banas	2007	18.13	20.71	1.40	1.47	1.44	4.01
West Banas	West Banas	2008	11.69	14.00	1.33	1.40	1.13	3.28
West Banas	West Banas	2009	8.86	11.11	1.28	1.35	1.08	3.10
West Banas	West Banas	2010	19.77	22.45	1.17	1.23	1.08	3.54
West Banas	West Banas	**Mean**	**17.34**	**19.61**	**1.24**	**1.31**	**1.09**	**3.34**
Chambal	Chakan	1973	22.93	30.53	0.16	0.20	2.52	8.71
Chambal	Chakan	1974	6.64	9.06	0.35	0.48	2.33	6.91
Chambal	Chakan	1975	14.20	19.14	0.35	0.46	1.81	6.52
Chambal	Chakan	1976	6.98	9.69	0.43	0.53	1.81	5.67
Chambal	Chakan	1977	8.55	10.43	0.41	0.51	1.20	3.92
Chambal	Chakan	1978	2.77	4.32	0.41	0.51	0.84	2.65
Chambal	Chakan	1979	10.00	14.55	0.40	0.49	1.76	5.81
Chambal	Chakan	1980	1.74	2.82	0.47	0.56	1.09	3.07
Chambal	Chakan	1981	11.30	14.93	0.44	0.53	1.59	4.83

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Chambal	Chakan	1982	1.88	3.04	0.46	0.55	0.93	2.73
Chambal	Chakan	1983	4.96	6.81	0.37	0.44	0.69	2.46
Chambal	Chakan	1984	1.28	2.07	0.41	0.48	0.56	1.71
Chambal	Chakan	1985	0.89	1.44	0.38	0.45	0.28	0.86
Chambal	Chakan	1986	0.00	0.00	0.37	0.44	0.09	0.26
Chambal	Chakan	1987	1.38	2.24	0.35	0.41	0.21	0.69
Chambal	Chakan	1988	1.60	2.59	0.32	0.37	0.43	1.32
Chambal	Chakan	1989	0.90	1.45	0.31	0.36	0.33	0.97
Chambal	Chakan	1990	3.72	5.30	0.28	0.32	0.59	1.83
Chambal	Chakan	1991	4.82	6.33	0.28	0.32	0.70	2.21
Chambal	Chakan	1992	1.48	2.40	0.27	0.31	0.51	1.58
Chambal	Chakan	1993	4.47	7.06	0.27	0.31	0.93	2.91
Chambal	Chakan	1994	3.80	5.24	0.27	0.32	0.86	2.68
Chambal	Chakan	1995	7.36	9.26	0.27	0.31	0.86	2.79
Chambal	Chakan	1996	0.11	0.18	0.26	0.32	0.35	1.01
Chambal	Chakan	1997	0.01	0.02	0.26	0.30	0.01	0.05
Chambal	Chakan	1998	2.45	3.95	0.24	0.28	0.46	1.42
Chambal	Chakan	1999	1.45	2.35	0.24	0.28	0.48	1.44
Chambal	Chakan	2000	1.56	2.52	0.23	0.27	0.43	1.28
Chambal	Chakan	2001	1.38	2.23	0.21	0.25	0.42	1.24
Chambal	Chakan	2002	0.62	1.01	0.21	0.25	0.22	0.65
Chambal	Chakan	2003	2.81	4.38	0.19	0.23	0.48	1.64
Chambal	Chakan	2004	2.07	3.35	0.19	0.23	0.63	1.89
Chambal	Chakan	2005	1.10	1.79	0.18	0.22	0.42	1.22
Chambal	Chakan	2006	1.46	2.35	0.17	0.21	0.37	1.14
Chambal	Chakan	2007	1.75	2.84	0.17	0.21	0.48	1.40
Chambal	Chakan	2008	1.28	2.08	0.15	0.18	0.40	1.22
Chambal	Chakan	2009	0.66	1.07	0.15	0.18	0.24	0.68
Chambal	Chakan	2010	2.17	3.52	0.14	0.17	0.41	1.34
Chambal	Chakan	**Mean**	**3.80**	**5.38**	**0.29**	**0.35**	**0.76**	**2.39**
Chambal	Chambal Downstream	1973	22.93	26.26	0.41	0.44	1.74	6.17
Chambal	Chambal Downstream	1974	30.46	34.44	0.40	0.43	1.63	5.88
Chambal	Chambal Downstream	1975	56.54	61.25	0.37	0.40	1.97	7.37
Chambal	Chambal Downstream	1976	102.17	107.02	0.37	0.40	2.15	7.74

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Chambal	Chambal Downstream	1977	101.09	106.58	0.39	0.43	2.36	8.72
Chambal	Chambal Downstream	1978	60.01	67.91	0.41	0.44	2.90	10.32
Chambal	Chambal Downstream	1979	32.83	36.26	0.44	0.46	2.45	7.61
Chambal	Chambal Downstream	1980	26.12	29.20	0.46	0.47	1.38	4.66
Chambal	Chambal Downstream	1981	37.16	41.42	0.43	0.44	1.78	6.25
Chambal	Chambal Downstream	1982	52.39	56.68	0.42	0.43	1.78	6.33
Chambal	Chambal Downstream	1983	37.65	41.50	0.41	0.42	1.67	6.26
Chambal	Chambal Downstream	1984	39.72	44.57	0.43	0.45	1.80	6.51
Chambal	Chambal Downstream	1985	47.15	50.68	0.44	0.46	1.67	5.98
Chambal	Chambal Downstream	1986	39.98	43.69	0.42	0.43	1.75	6.08
Chambal	Chambal Downstream	1987	10.16	12.28	0.45	0.47	1.10	3.67
Chambal	Chambal Downstream	1988	39.58	44.92	0.42	0.44	1.79	6.47
Chambal	Chambal Downstream	1989	7.54	9.98	0.45	0.46	1.46	5.02
Chambal	Chambal Downstream	1990	99.01	102.65	0.40	0.41	1.27	4.82
Chambal	Chambal Downstream	1991	36.35	39.29	0.42	0.42	1.32	4.83
Chambal	Chambal Downstream	1992	81.86	87.33	0.42	0.43	1.68	6.70
Chambal	Chambal Downstream	1993	14.08	17.00	0.43	0.45	1.81	6.32
Chambal	Chambal Downstream	1994	24.62	28.11	0.40	0.42	1.45	5.47
Chambal	Chambal Downstream	1995	124.67	130.93	0.43	0.46	2.40	8.73
Chambal	Chambal Downstream	1996	52.75	56.10	0.44	0.46	2.00	6.98
Chambal	Chambal Downstream	1997	58.72	63.01	0.42	0.43	1.58	6.06
Chambal	Chambal Downstream	1998	87.77	91.71	0.45	0.45	1.89	6.81
Chambal	Chambal Downstream	1999	30.48	33.44	0.42	0.43	1.31	5.00
Chambal	Chambal Downstream	2000	24.30	28.22	0.41	0.44	1.56	5.38
Chambal	Chambal Downstream	2001	61.00	67.75	0.43	0.44	2.77	9.43
Chambal	Chambal Downstream	2002	5.73	7.18	0.45	0.46	1.21	4.05
Chambal	Chambal Downstream	2003	45.18	49.27	0.40	0.41	1.28	5.13
Chambal	Chambal Downstream	2004	34.27	36.54	0.40	0.41	1.20	4.29
Chambal	Chambal Downstream	2005	28.70	31.74	0.39	0.41	1.12	4.13
Chambal	Chambal Downstream	2006	11.56	13.31	0.37	0.39	0.85	3.08
Chambal	Chambal Downstream	2007	28.71	31.20	0.37	0.39	0.93	3.23
Chambal	Chambal Downstream	2008	60.41	64.92	0.37	0.38	1.70	6.20
Chambal	Chambal Downstream	2009	44.63	49.60	0.45	0.47	2.13	7.12
Chambal	Chambal Downstream	2010	48.70	52.39	0.41	0.42	1.46	5.68

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Chambal	Chambal Downstream	**Mean**	**45.97**	**49.90**	**0.41**	**0.43**	**1.69**	**6.07**
Chambal	Kali Sindh	1973	285.05	298.51	1.15	1.16	7.65	24.82
Chambal	Kali Sindh	1974	274.57	286.69	1.19	1.18	7.13	21.21
Chambal	Kali Sindh	1975	179.66	193.19	1.11	1.10	6.66	22.39
Chambal	Kali Sindh	1976	149.05	161.41	1.17	1.18	7.05	21.50
Chambal	Kali Sindh	1977	127.02	134.23	1.13	1.14	5.06	15.30
Chambal	Kali Sindh	1978	50.42	57.44	1.08	1.10	3.36	10.54
Chambal	Kali Sindh	1979	49.03	55.49	1.09	1.11	2.48	7.81
Chambal	Kali Sindh	1980	56.21	62.59	1.11	1.14	3.48	10.34
Chambal	Kali Sindh	1981	25.59	33.25	1.04	1.07	3.14	9.94
Chambal	Kali Sindh	1982	218.56	229.33	1.04	1.07	5.00	16.29
Chambal	Kali Sindh	1983	149.29	159.03	1.01	1.04	5.46	17.22
Chambal	Kali Sindh	1984	245.22	262.24	1.10	1.13	7.03	21.60
Chambal	Kali Sindh	1985	274.81	288.83	1.18	1.19	7.29	23.15
Chambal	Kali Sindh	1986	375.99	391.29	1.17	1.18	10.37	31.19
Chambal	Kali Sindh	1987	323.38	343.18	1.22	1.22	7.86	25.13
Chambal	Kali Sindh	1988	125.84	134.87	1.18	1.16	7.87	23.19
Chambal	Kali Sindh	1989	50.98	53.91	1.15	1.16	2.94	8.51
Chambal	Kali Sindh	1990	115.17	126.09	1.03	1.04	3.56	12.26
Chambal	Kali Sindh	1991	79.03	87.68	1.13	1.15	4.96	15.45
Chambal	Kali Sindh	1992	25.99	33.21	1.10	1.12	3.12	10.11
Chambal	Kali Sindh	1993	135.90	149.64	1.07	1.09	5.78	18.57
Chambal	Kali Sindh	1994	124.38	142.57	1.09	1.10	9.39	31.24
Chambal	Kali Sindh	1995	81.94	87.36	1.16	1.16	4.63	13.41
Chambal	Kali Sindh	1996	344.78	356.32	1.12	1.12	5.21	18.33
Chambal	Kali Sindh	1997	80.07	91.85	1.10	1.11	6.18	19.38
Chambal	Kali Sindh	1998	38.25	47.88	1.19	1.21	5.21	15.68
Chambal	Kali Sindh	1999	213.97	228.06	1.17	1.17	7.10	22.97
Chambal	Kali Sindh	2000	281.28	302.47	1.20	1.20	10.34	29.77
Chambal	Kali Sindh	2001	327.86	346.51	1.18	1.17	11.34	33.78
Chambal	Kali Sindh	2002	4.64	6.97	1.17	1.17	3.69	10.37
Chambal	Kali Sindh	2003	48.52	54.99	1.08	1.08	2.04	7.09
Chambal	Kali Sindh	2004	224.21	238.25	1.15	1.16	5.66	17.49
Chambal	Kali Sindh	2005	16.77	24.23	1.17	1.18	5.01	14.65

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Chambal	Kali Sindh	2006	310.13	328.42	1.11	1.10	7.39	23.87
Chambal	Kali Sindh	2007	73.67	85.96	1.24	1.24	8.12	23.28
Chambal	Kali Sindh	2008	19.71	25.00	1.14	1.14	3.56	10.75
Chambal	Kali Sindh	2009	12.91	16.72	1.11	1.12	2.08	6.22
Chambal	Kali Sindh	2010	55.89	63.15	1.00	1.02	3.00	9.53
Chambal	Kali Sindh	**Mean**	**146.73**	**157.60**	**1.13**	**1.14**	**5.72**	**17.75**
Chambal	Kunu	1973	1.07	1.63	0.00	0.00	0.20	0.79
Chambal	Kunu	1974	0.93	1.39	0.00	0.00	0.22	0.76
Chambal	Kunu	1975	3.56	4.54	0.00	0.00	0.24	1.03
Chambal	Kunu	1976	3.15	4.01	0.00	0.01	0.39	1.43
Chambal	Kunu	1977	1.70	2.41	0.00	0.01	0.34	1.28
Chambal	Kunu	1978	0.36	0.58	0.00	0.01	0.14	0.54
Chambal	Kunu	1979	6.41	7.86	0.00	0.00	0.37	1.54
Chambal	Kunu	1980	0.74	1.16	0.01	0.01	0.36	1.26
Chambal	Kunu	1981	2.45	3.40	0.01	0.01	0.39	1.41
Chambal	Kunu	1982	7.51	8.81	0.00	0.01	0.42	1.76
Chambal	Kunu	1983	5.29	6.56	0.01	0.01	0.56	2.10
Chambal	Kunu	1984	0.50	0.81	0.01	0.01	0.30	1.05
Chambal	Kunu	1985	0.57	0.88	0.00	0.01	0.09	0.44
Chambal	Kunu	1986	0.58	0.91	0.00	0.01	0.11	0.51
Chambal	Kunu	1987	0.25	0.39	0.00	0.01	0.06	0.29
Chambal	Kunu	1988	0.96	1.40	0.00	0.01	0.11	0.48
Chambal	Kunu	1989	16.61	19.33	0.01	0.01	0.97	3.66
Chambal	Kunu	1990	8.68	10.79	0.01	0.01	1.10	4.02
Chambal	Kunu	1991	0.75	1.17	0.02	0.02	0.42	1.44
Chambal	Kunu	1992	4.81	5.73	0.01	0.01	0.27	1.11
Chambal	Kunu	1993	1.60	2.26	0.01	0.02	0.31	1.15
Chambal	Kunu	1994	2.35	3.04	0.01	0.02	0.33	1.22
Chambal	Kunu	1995	2.12	2.84	0.01	0.02	0.35	1.22
Chambal	Kunu	1996	1.54	2.22	0.01	0.01	0.29	1.18
Chambal	Kunu	1997	1.79	2.50	0.01	0.01	0.29	1.20
Chambal	Kunu	1998	0.76	1.15	0.01	0.01	0.20	0.75
Chambal	Kunu	1999	4.07	5.19	0.01	0.02	0.42	1.49
Chambal	Kunu	2000	5.50	6.90	0.01	0.01	0.68	2.08

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Chambal	Kunu	2001	22.02	24.52	0.01	0.01	1.17	3.88
Chambal	Kunu	2002	0.76	1.15	0.01	0.01	0.42	1.44
Chambal	Kunu	2003	1.14	1.57	0.01	0.01	0.16	0.73
Chambal	Kunu	2004	1.13	1.75	0.02	0.02	0.24	0.85
Chambal	Kunu	2005	0.39	0.64	0.01	0.01	0.12	0.48
Chambal	Kunu	2006	0.31	0.50	0.01	0.01	0.06	0.26
Chambal	Kunu	2007	1.16	1.73	0.01	0.01	0.16	0.61
Chambal	Kunu	2008	4.08	4.91	0.01	0.01	0.40	1.43
Chambal	Kunu	2009	0.55	0.91	0.01	0.01	0.21	0.73
Chambal	Kunu	2010	0.28	0.44	0.01	0.01	0.07	0.30
Chambal	Kunu	**Mean**	**3.12**	**3.89**	**0.01**	**0.01**	**0.34**	**1.26**
Chambal	Mej	1973	18.06	25.19	0.30	0.38	2.89	9.84
Chambal	Mej	1974	20.00	27.52	0.34	0.42	3.71	11.30
Chambal	Mej	1975	12.13	15.78	0.32	0.39	2.28	7.45
Chambal	Mej	1976	21.58	30.71	0.33	0.43	3.18	10.90
Chambal	Mej	1977	17.91	24.64	0.39	0.48	3.97	12.09
Chambal	Mej	1978	59.24	76.68	0.41	0.48	6.13	19.39
Chambal	Mej	1979	12.01	17.48	0.46	0.53	4.79	13.67
Chambal	Mej	1980	3.50	5.49	0.45	0.52	1.76	5.02
Chambal	Mej	1981	3.85	6.27	0.41	0.47	0.96	3.00
Chambal	Mej	1982	23.09	31.32	0.39	0.45	3.00	9.99
Chambal	Mej	1983	9.33	12.52	0.38	0.44	2.53	7.79
Chambal	Mej	1984	42.82	59.92	0.40	0.46	4.78	16.01
Chambal	Mej	1985	7.41	11.09	0.43	0.47	4.26	12.16
Chambal	Mej	1986	35.77	48.60	0.41	0.45	5.25	16.61
Chambal	Mej	1987	6.65	10.43	0.44	0.48	3.22	9.06
Chambal	Mej	1988	5.62	8.93	0.39	0.42	1.71	5.29
Chambal	Mej	1989	7.13	10.38	0.39	0.43	1.45	4.43
Chambal	Mej	1990	34.29	42.58	0.36	0.40	3.20	10.70
Chambal	Mej	1991	6.15	9.67	0.41	0.45	2.59	7.60
Chambal	Mej	1992	9.51	14.40	0.44	0.52	1.86	6.06
Chambal	Mej	1993	9.76	14.22	0.42	0.48	2.18	6.96
Chambal	Mej	1994	16.64	22.99	0.39	0.44	2.62	8.79
Chambal	Mej	1995	11.40	15.51	0.40	0.46	2.24	7.00

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Chambal	Mej	1996	30.93	38.73	0.39	0.45	3.16	10.75
Chambal	Mej	1997	14.18	19.78	0.38	0.44	3.35	10.48
Chambal	Mej	1998	5.07	8.16	0.39	0.44	1.87	5.73
Chambal	Mej	1999	10.36	14.96	0.37	0.42	1.89	6.24
Chambal	Mej	2000	27.83	42.63	0.40	0.45	5.74	16.68
Chambal	Mej	2001	172.58	198.47	0.43	0.47	11.43	35.11
Chambal	Mej	2002	3.44	5.65	0.48	0.54	4.33	11.76
Chambal	Mej	2003	8.72	12.40	0.46	0.52	1.44	4.82
Chambal	Mej	2004	33.59	48.62	0.49	0.54	5.13	16.25
Chambal	Mej	2005	6.31	9.74	0.48	0.52	3.61	10.53
Chambal	Mej	2006	16.04	22.00	0.43	0.47	2.36	7.49
Chambal	Mej	2007	12.03	17.67	0.48	0.52	3.15	9.03
Chambal	Mej	2008	5.67	8.79	0.40	0.44	1.66	5.26
Chambal	Mej	2009	6.28	9.45	0.39	0.43	1.40	4.34
Chambal	Mej	2010	9.44	13.67	0.35	0.39	1.50	5.02
Chambal	Mej	**Mean**	**19.90**	**26.66**	**0.40**	**0.46**	**3.23**	**10.02**
Chambal	Parwati	1973	40.54	47.94	0.58	0.63	2.60	9.02
Chambal	Parwati	1974	9.78	13.10	0.59	0.64	2.55	7.63
Chambal	Parwati	1975	173.12	183.49	0.58	0.61	3.94	14.80
Chambal	Parwati	1976	61.54	68.51	0.73	0.73	4.74	15.12
Chambal	Parwati	1977	17.74	23.07	0.69	0.69	2.98	9.49
Chambal	Parwati	1978	14.58	18.94	0.68	0.68	2.24	7.15
Chambal	Parwati	1979	2.40	3.65	0.65	0.67	1.23	3.78
Chambal	Parwati	1980	4.80	6.51	0.59	0.61	0.70	2.26
Chambal	Parwati	1981	36.84	46.62	0.62	0.65	3.30	10.88
Chambal	Parwati	1982	115.87	124.55	0.73	0.75	4.44	14.75
Chambal	Parwati	1983	16.38	19.70	0.70	0.70	2.80	8.84
Chambal	Parwati	1984	44.18	54.24	0.70	0.71	3.07	10.21
Chambal	Parwati	1985	12.55	17.32	0.72	0.72	2.63	8.37
Chambal	Parwati	1986	128.00	136.90	0.74	0.75	4.31	13.33
Chambal	Parwati	1987	55.39	64.79	0.75	0.75	3.30	10.91
Chambal	Parwati	1988	5.98	7.48	0.74	0.73	2.91	8.62
Chambal	Parwati	1989	11.82	15.05	0.64	0.64	1.22	4.07
Chambal	Parwati	1990	25.39	30.56	0.57	0.58	1.73	6.05

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Chambal	Parwati	1991	155.06	164.17	0.68	0.69	4.53	15.17
Chambal	Parwati	1992	13.68	18.23	0.71	0.70	2.70	8.68
Chambal	Parwati	1993	13.01	18.18	0.68	0.69	2.29	7.24
Chambal	Parwati	1994	50.54	60.39	0.73	0.73	4.99	16.54
Chambal	Parwati	1995	10.64	12.50	0.71	0.70	2.50	7.52
Chambal	Parwati	1996	36.88	43.14	0.66	0.68	2.19	7.63
Chambal	Parwati	1997	11.92	15.49	0.64	0.68	1.91	6.19
Chambal	Parwati	1998	24.67	31.27	0.63	0.68	2.52	8.22
Chambal	Parwati	1999	19.77	23.54	0.68	0.74	2.67	8.51
Chambal	Parwati	2000	71.51	82.42	0.74	0.77	4.64	13.55
Chambal	Parwati	2001	130.48	141.69	0.74	0.74	5.96	18.07
Chambal	Parwati	2002	0.38	0.66	0.74	0.74	1.88	5.20
Chambal	Parwati	2003	2.48	3.34	0.60	0.59	0.28	1.04
Chambal	Parwati	2004	6.36	9.08	0.58	0.59	0.86	2.77
Chambal	Parwati	2005	19.00	24.48	0.59	0.61	1.80	6.15
Chambal	Parwati	2006	16.89	21.31	0.66	0.65	2.45	7.61
Chambal	Parwati	2007	15.05	19.29	0.68	0.69	2.22	6.72
Chambal	Parwati	2008	11.53	15.12	0.60	0.63	1.70	5.47
Chambal	Parwati	2009	5.79	8.04	0.63	0.66	1.27	4.00
Chambal	Parwati	2010	11.88	16.27	0.58	0.63	1.43	4.76
Chambal	Parwati	**Mean**	**36.96**	**42.40**	**0.66**	**0.68**	**2.67**	**8.59**
Luni	Bandi (hemawas)	1973	2.00	3.24	0.00	0.01	0.00	2.04
Luni	Bandi (hemawas)	1974	0.33	0.55	0.00	0.00	0.00	0.34
Luni	Bandi (hemawas)	1975	25.63	41.14	0.06	0.10	0.07	25.80
Luni	Bandi (hemawas)	1976	1.33	2.15	0.00	0.00	0.00	1.36
Luni	Bandi (hemawas)	1977	44.18	65.58	0.15	0.19	0.13	35.77
Luni	Bandi (hemawas)	1978	1.09	1.77	0.00	0.00	0.00	1.11
Luni	Bandi (hemawas)	1979	300.19	340.25	0.25	0.27	0.20	69.18
Luni	Bandi (hemawas)	1980	391.71	436.87	0.27	0.29	0.24	77.11
Luni	Bandi (hemawas)	1981	0.42	0.68	0.00	0.00	0.00	0.43
Luni	Bandi (hemawas)	1982	1.29	2.08	0.00	0.00	0.00	1.32
Luni	Bandi (hemawas)	1983	2.54	4.12	0.00	0.00	0.00	2.61
Luni	Bandi (hemawas)	1984	0.82	1.33	0.00	0.00	0.00	0.84
Luni	Bandi (hemawas)	1985	0.82	1.34	0.00	0.00	0.00	0.84

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Bandi (hemawas)	1986	0.02	0.03	0.00	0.00	0.00	0.02
Luni	Bandi (hemawas)	1987	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Bandi (hemawas)	1988	2.22	3.60	0.01	0.01	0.01	2.27
Luni	Bandi (hemawas)	1989	0.02	0.03	0.00	0.00	0.00	0.02
Luni	Bandi (hemawas)	1990	0.05	0.09	0.00	0.00	0.00	0.06
Luni	Bandi (hemawas)	1991	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Bandi (hemawas)	1992	10.96	17.71	0.03	0.05	0.03	11.28
Luni	Bandi (hemawas)	1993	0.55	0.89	0.00	0.00	0.00	0.56
Luni	Bandi (hemawas)	1994	0.06	0.10	0.00	0.00	0.00	0.06
Luni	Bandi (hemawas)	1995	0.04	0.06	0.00	0.00	0.00	0.04
Luni	Bandi (hemawas)	1996	0.02	0.04	0.00	0.00	0.00	0.02
Luni	Bandi (hemawas)	1997	0.31	0.50	0.00	0.00	0.00	0.31
Luni	Bandi (hemawas)	1998	0.06	0.10	0.00	0.00	0.00	0.06
Luni	Bandi (hemawas)	1999	0.04	0.07	0.00	0.00	0.00	0.04
Luni	Bandi (hemawas)	2000	1.08	1.74	0.00	0.00	0.00	1.10
Luni	Bandi (hemawas)	2001	2.74	4.44	0.01	0.01	0.01	2.81
Luni	Bandi (hemawas)	2002	0.41	0.66	0.00	0.00	0.00	0.42
Luni	Bandi (hemawas)	2003	2.64	4.26	0.01	0.01	0.00	2.69
Luni	Bandi (hemawas)	2004	0.76	1.24	0.00	0.00	0.00	0.78
Luni	Bandi (hemawas)	2005	0.64	1.05	0.00	0.00	0.00	0.66
Luni	Bandi (hemawas)	2006	1.12	1.82	0.00	0.00	0.00	1.14
Luni	Bandi (hemawas)	2007	17.18	27.67	0.08	0.12	0.09	17.83
Luni	Bandi (hemawas)	2008	1.54	2.50	0.00	0.01	0.00	1.58
Luni	Bandi (hemawas)	2009	1.03	1.67	0.00	0.01	0.00	1.05
Luni	Bandi (hemawas)	2010	3.41	5.50	0.01	0.02	0.01	3.49
Luni	Bandi (hemawas)	**Mean**	**21.56**	**25.71**	**0.02**	**0.03**	**0.02**	**7.03**
Luni	Guhiya	1973	0.08	0.14	0.00	0.00	0.00	0.08
Luni	Guhiya	1974	0.02	0.05	0.00	0.00	0.00	0.03
Luni	Guhiya	1975	26.64	41.79	0.07	0.10	0.07	25.19
Luni	Guhiya	1976	0.05	0.10	0.00	0.00	0.00	0.05
Luni	Guhiya	1977	1.06	1.72	0.00	0.00	0.00	1.09
Luni	Guhiya	1978	0.09	0.15	0.00	0.00	0.00	0.09
Luni	Guhiya	1979	129.22	161.61	0.12	0.14	0.14	56.30
Luni	Guhiya	1980	5.83	9.41	0.02	0.03	0.01	6.26

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Luni	Guhiya	1981	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Guhiya	1982	0.05	0.09	0.00	0.00	0.00	0.05
Luni	Guhiya	1983	0.40	0.66	0.00	0.00	0.00	0.42
Luni	Guhiya	1984	0.03	0.06	0.00	0.00	0.00	0.03
Luni	Guhiya	1985	0.03	0.06	0.00	0.00	0.00	0.03
Luni	Guhiya	1986	0.01	0.01	0.00	0.00	0.00	0.01
Luni	Guhiya	1987	0.00	0.01	0.00	0.00	0.00	0.00
Luni	Guhiya	1988	0.04	0.08	0.00	0.00	0.00	0.04
Luni	Guhiya	1989	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Guhiya	1990	0.04	0.08	0.00	0.00	0.00	0.05
Luni	Guhiya	1991	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Guhiya	1992	0.04	0.07	0.00	0.00	0.00	0.04
Luni	Guhiya	1993	0.03	0.05	0.00	0.00	0.00	0.03
Luni	Guhiya	1994	0.06	0.10	0.00	0.00	0.00	0.06
Luni	Guhiya	1995	0.02	0.04	0.00	0.00	0.00	0.02
Luni	Guhiya	1996	0.02	0.04	0.00	0.00	0.00	0.02
Luni	Guhiya	1997	3.20	5.17	0.00	0.01	0.00	3.28
Luni	Guhiya	1998	0.01	0.01	0.00	0.00	0.00	0.01
Luni	Guhiya	1999	0.54	0.89	0.00	0.00	0.00	0.57
Luni	Guhiya	2000	0.05	0.10	0.00	0.00	0.00	0.05
Luni	Guhiya	2001	0.77	1.25	0.00	0.00	0.00	0.81
Luni	Guhiya	2002	0.00	0.01	0.00	0.00	0.00	0.00
Luni	Guhiya	2003	0.07	0.13	0.00	0.00	0.00	0.08
Luni	Guhiya	2004	0.04	0.08	0.00	0.00	0.00	0.04
Luni	Guhiya	2005	0.08	0.13	0.00	0.00	0.00	0.08
Luni	Guhiya	2006	0.04	0.08	0.00	0.00	0.00	0.04
Luni	Guhiya	2007	2.90	4.69	0.01	0.03	0.02	2.94
Luni	Guhiya	2008	0.06	0.11	0.00	0.00	0.00	0.06
Luni	Guhiya	2009	0.02	0.04	0.00	0.00	0.00	0.02
Luni	Guhiya	2010	0.06	0.12	0.00	0.00	0.00	0.07
Luni	Guhiya	**Mean**	**4.52**	**6.03**	**0.01**	**0.01**	**0.01**	**2.58**
Luni	Jawai	1973	331.48	411.56	0.24	0.31	0.27	133.97
Luni	Jawai	1974	4.65	7.50	0.02	0.03	0.02	4.67
Luni	Jawai	1975	73.06	107.78	0.15	0.22	0.14	57.84

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Jawai	1976	32.04	49.07	0.08	0.12	0.06	28.50
Luni	Jawai	1977	20.22	31.75	0.07	0.11	0.07	19.10
Luni	Jawai	1978	22.35	35.80	0.07	0.09	0.06	22.33
Luni	Jawai	1979	42.79	61.56	0.10	0.15	0.08	31.50
Luni	Jawai	1980	5.44	8.74	0.02	0.03	0.02	5.40
Luni	Jawai	1981	5.60	9.05	0.02	0.03	0.02	5.69
Luni	Jawai	1982	9.00	14.17	0.03	0.05	0.03	8.51
Luni	Jawai	1983	44.94	67.73	0.12	0.15	0.12	38.07
Luni	Jawai	1984	8.74	14.06	0.03	0.05	0.03	8.78
Luni	Jawai	1985	5.53	8.95	0.02	0.03	0.02	5.64
Luni	Jawai	1986	7.36	11.65	0.02	0.03	0.02	7.09
Luni	Jawai	1987	3.34	5.42	0.01	0.02	0.01	3.39
Luni	Jawai	1988	11.46	17.86	0.03	0.05	0.03	10.57
Luni	Jawai	1989	12.47	19.58	0.03	0.05	0.03	11.76
Luni	Jawai	1990	149.91	188.36	0.21	0.30	0.18	64.92
Luni	Jawai	1991	3.16	5.13	0.01	0.01	0.01	3.22
Luni	Jawai	1992	187.63	225.45	0.21	0.25	0.19	63.27
Luni	Jawai	1993	14.46	22.42	0.04	0.06	0.03	13.20
Luni	Jawai	1994	47.16	72.86	0.12	0.16	0.10	42.81
Luni	Jawai	1995	75.15	89.96	0.07	0.09	0.04	25.04
Luni	Jawai	1996	15.18	24.40	0.05	0.08	0.05	15.24
Luni	Jawai	1997	53.82	79.43	0.14	0.19	0.11	42.68
Luni	Jawai	1998	9.86	15.46	0.03	0.04	0.03	9.21
Luni	Jawai	1999	13.75	21.50	0.04	0.07	0.04	12.79
Luni	Jawai	2000	8.89	14.16	0.03	0.05	0.03	8.70
Luni	Jawai	2001	12.32	19.74	0.04	0.06	0.04	12.30
Luni	Jawai	2002	3.36	5.46	0.01	0.02	0.01	3.42
Luni	Jawai	2003	54.74	75.97	0.11	0.14	0.08	35.47
Luni	Jawai	2004	9.93	16.06	0.03	0.05	0.03	10.12
Luni	Jawai	2005	16.39	24.42	0.04	0.06	0.04	13.34
Luni	Jawai	2006	199.02	253.60	0.17	0.21	0.15	91.32
Luni	Jawai	2007	23.24	36.53	0.08	0.11	0.08	22.26
Luni	Jawai	2008	7.79	12.25	0.02	0.04	0.02	7.32
Luni	Jawai	2009	4.32	7.00	0.01	0.02	0.02	4.40

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Jawai	2010	32.17	50.60	0.08	0.12	0.08	30.65
Luni	Jawai	**Mean**	**41.65**	**56.39**	**0.07**	**0.10**	**0.06**	**24.59**
Luni	Jojri	1973	22.14	32.31	0.04	0.06	0.04	17.02
Luni	Jojri	1974	0.18	0.32	0.00	0.00	0.00	0.18
Luni	Jojri	1975	131.99	182.42	0.23	0.30	0.24	83.97
Luni	Jojri	1976	140.04	187.47	0.24	0.29	0.24	79.03
Luni	Jojri	1977	48.49	67.55	0.07	0.10	0.06	32.02
Luni	Jojri	1978	0.53	0.89	0.00	0.00	0.00	0.54
Luni	Jojri	1979	404.62	456.19	0.21	0.23	0.23	88.04
Luni	Jojri	1980	0.13	0.23	0.00	0.00	0.00	0.13
Luni	Jojri	1981	0.28	0.47	0.00	0.00	0.00	0.28
Luni	Jojri	1982	0.85	1.42	0.00	0.00	0.00	0.87
Luni	Jojri	1983	158.07	190.97	0.14	0.17	0.11	54.97
Luni	Jojri	1984	1.03	1.69	0.00	0.00	0.00	1.06
Luni	Jojri	1985	0.27	0.46	0.00	0.00	0.00	0.28
Luni	Jojri	1986	0.32	0.56	0.00	0.00	0.00	0.34
Luni	Jojri	1987	0.05	0.11	0.00	0.00	0.00	0.05
Luni	Jojri	1988	0.61	1.02	0.00	0.00	0.00	0.63
Luni	Jojri	1989	3.68	5.83	0.01	0.01	0.00	3.57
Luni	Jojri	1990	12.01	18.10	0.02	0.03	0.02	10.26
Luni	Jojri	1991	4.71	7.06	0.01	0.02	0.01	3.83
Luni	Jojri	1992	33.59	47.98	0.06	0.07	0.05	24.01
Luni	Jojri	1993	0.18	0.33	0.00	0.00	0.00	0.19
Luni	Jojri	1994	101.60	128.94	0.11	0.13	0.09	45.46
Luni	Jojri	1995	51.82	74.00	0.10	0.13	0.08	37.09
Luni	Jojri	1996	7.05	11.02	0.02	0.02	0.01	6.64
Luni	Jojri	1997	25.82	38.66	0.06	0.09	0.05	21.43
Luni	Jojri	1998	1.02	1.70	0.00	0.00	0.00	1.04
Luni	Jojri	1999	40.26	53.47	0.07	0.08	0.05	22.48
Luni	Jojri	2000	6.04	9.49	0.02	0.03	0.02	5.79
Luni	Jojri	2001	29.04	42.53	0.07	0.10	0.07	22.42
Luni	Jojri	2002	0.36	0.59	0.00	0.00	0.00	0.37
Luni	Jojri	2003	0.78	1.31	0.00	0.00	0.00	0.80
Luni	Jojri	2004	10.49	14.67	0.02	0.03	0.02	6.92

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Jojri	2005	1.56	2.53	0.00	0.01	0.01	1.59
Luni	Jojri	2006	1.06	1.74	0.00	0.00	0.00	1.08
Luni	Jojri	2007	51.35	65.66	0.11	0.13	0.13	24.36
Luni	Jojri	2008	2.52	4.10	0.00	0.01	0.00	2.57
Luni	Jojri	2009	0.34	0.57	0.00	0.00	0.00	0.35
Luni	Jojri	2010	2.52	4.09	0.01	0.01	0.01	2.59
Luni	Jojri	**Mean**	**34.14**	**43.64**	**0.04**	**0.05**	**0.04**	**15.90**
Luni	Khari	1973	179.27	446.45	0.19	0.47	0.16	77.86
Luni	Khari	1974	4.15	13.39	0.02	0.05	0.02	4.06
Luni	Khari	1975	30.33	92.32	0.08	0.25	0.07	26.40
Luni	Khari	1976	23.34	72.66	0.07	0.22	0.05	21.63
Luni	Khari	1977	13.02	41.12	0.05	0.14	0.04	12.47
Luni	Khari	1978	10.05	32.14	0.03	0.10	0.02	9.95
Luni	Khari	1979	15.50	46.14	0.04	0.13	0.03	12.57
Luni	Khari	1980	6.03	19.47	0.02	0.07	0.02	6.04
Luni	Khari	1981	4.19	13.62	0.02	0.05	0.01	4.24
Luni	Khari	1982	5.68	18.22	0.02	0.06	0.02	5.58
Luni	Khari	1983	32.35	99.79	0.09	0.31	0.10	29.59
Luni	Khari	1984	7.80	25.01	0.02	0.07	0.02	7.72
Luni	Khari	1985	4.54	14.73	0.01	0.04	0.01	4.59
Luni	Khari	1986	3.47	11.06	0.01	0.03	0.01	3.33
Luni	Khari	1987	1.38	4.48	0.00	0.02	0.00	1.36
Luni	Khari	1988	4.11	12.94	0.01	0.03	0.01	3.82
Luni	Khari	1989	4.97	15.63	0.01	0.04	0.01	4.66
Luni	Khari	1990	32.20	98.77	0.09	0.28	0.08	29.01
Luni	Khari	1991	1.69	5.57	0.01	0.02	0.01	1.72
Luni	Khari	1992	33.10	96.95	0.07	0.21	0.06	25.96
Luni	Khari	1993	11.09	34.64	0.03	0.08	0.02	10.27
Luni	Khari	1994	8.48	26.53	0.02	0.05	0.02	7.88
Luni	Khari	1995	15.05	39.42	0.02	0.06	0.01	7.73
Luni	Khari	1996	4.83	15.57	0.02	0.06	0.01	4.79
Luni	Khari	1997	11.90	36.64	0.03	0.11	0.03	10.63
Luni	Khari	1998	5.97	19.12	0.01	0.05	0.01	5.86
Luni	Khari	1999	4.42	13.85	0.02	0.05	0.01	4.04

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Khari	2000	6.54	21.02	0.02	0.07	0.02	6.47
Luni	Khari	2001	18.53	57.12	0.05	0.17	0.05	16.97
Luni	Khari	2002	3.36	10.97	0.01	0.04	0.01	3.42
Luni	Khari	2003	27.34	83.71	0.07	0.23	0.07	24.07
Luni	Khari	2004	3.96	12.85	0.01	0.04	0.01	3.99
Luni	Khari	2005	16.61	51.88	0.04	0.14	0.04	15.55
Luni	Khari	2006	32.57	96.14	0.06	0.17	0.05	25.91
Luni	Khari	2007	13.91	43.71	0.05	0.15	0.05	13.24
Luni	Khari	2008	4.71	15.11	0.02	0.05	0.02	4.59
Luni	Khari	2009	4.57	14.87	0.01	0.05	0.01	4.66
Luni	Khari	2010	11.08	17.71	0.03	0.05	0.03	10.99
Luni	Khari	**Mean**	**16.37**	**47.14**	**0.04**	**0.11**	**0.03**	**12.46**
Luni	Luni	1973	1602.97	1821.30	1.10	1.34	0.84	365.61
Luni	Luni	1974	148.15	159.71	0.05	0.06	0.04	18.90
Luni	Luni	1975	2187.37	2386.28	0.95	1.16	0.71	332.03
Luni	Luni	1976	902.90	1041.71	1.12	1.34	0.58	230.46
Luni	Luni	1977	675.69	775.78	0.74	0.88	0.43	161.86
Luni	Luni	1978	40.60	60.46	0.05	0.08	0.04	30.92
Luni	Luni	1979	343.16	392.11	0.25	0.33	0.20	83.08
Luni	Luni	1980	32.84	41.20	0.05	0.07	0.02	13.55
Luni	Luni	1981	240.44	256.52	0.06	0.08	0.05	26.41
Luni	Luni	1982	26.55	39.13	0.04	0.08	0.04	20.39
Luni	Luni	1983	420.34	475.61	0.27	0.34	0.19	91.98
Luni	Luni	1984	28.02	38.85	0.03	0.05	0.02	17.68
Luni	Luni	1985	14.91	21.43	0.01	0.02	0.01	10.55
Luni	Luni	1986	7.92	12.17	0.01	0.01	0.01	6.70
Luni	Luni	1987	4.03	6.42	0.01	0.01	0.01	3.69
Luni	Luni	1988	17.04	24.18	0.02	0.02	0.01	11.56
Luni	Luni	1989	20.04	29.56	0.02	0.02	0.01	15.48
Luni	Luni	1990	1848.70	2031.85	1.13	1.42	0.74	307.91
Luni	Luni	1991	10.39	15.87	0.01	0.01	0.01	8.82
Luni	Luni	1992	688.49	776.39	0.71	0.82	0.35	146.36
Luni	Luni	1993	500.33	577.02	0.59	0.71	0.32	128.24
Luni	Luni	1994	299.30	383.32	0.46	0.59	0.27	139.92

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Luni	1995	209.89	248.88	0.15	0.20	0.13	64.96
Luni	Luni	1996	552.85	608.83	0.40	0.47	0.29	93.06
Luni	Luni	1997	281.93	325.55	0.22	0.29	0.14	72.45
Luni	Luni	1998	114.14	143.14	0.22	0.28	0.16	47.78
Luni	Luni	1999	61.79	76.05	0.06	0.08	0.03	23.48
Luni	Luni	2000	53.56	71.12	0.05	0.08	0.07	29.02
Luni	Luni	2001	78.83	109.53	0.14	0.21	0.12	50.85
Luni	Luni	2002	11.74	18.52	0.02	0.05	0.02	10.82
Luni	Luni	2003	123.01	159.55	0.15	0.21	0.12	60.60
Luni	Luni	2004	26.54	36.72	0.03	0.04	0.03	16.65
Luni	Luni	2005	100.03	128.15	0.13	0.20	0.10	46.53
Luni	Luni	2006	601.66	723.67	0.61	0.78	0.37	203.94
Luni	Luni	2007	28.12	41.95	0.04	0.08	0.04	22.72
Luni	Luni	2008	135.28	165.06	0.16	0.20	0.09	49.42
Luni	Luni	2009	16.87	25.17	0.03	0.05	0.03	13.48
Luni	Luni	2010	322.85	414.45	0.51	0.72	0.38	152.65
Luni	Luni	**Mean**	**336.30**	**385.87**	**0.28**	**0.35**	**0.18**	**82.38**
Luni	Mithari	1973	380.23	431.31	0.35	0.41	0.15	85.11
Luni	Mithari	1974	3.91	6.35	0.01	0.02	0.01	3.98
Luni	Mithari	1975	67.15	96.44	0.17	0.25	0.12	48.67
Luni	Mithari	1976	21.22	33.45	0.06	0.09	0.05	20.37
Luni	Mithari	1977	14.38	23.25	0.05	0.08	0.05	14.67
Luni	Mithari	1978	28.87	44.04	0.08	0.13	0.07	25.19
Luni	Mithari	1979	31.82	46.52	0.09	0.13	0.06	24.70
Luni	Mithari	1980	4.64	7.52	0.02	0.03	0.02	4.72
Luni	Mithari	1981	4.74	7.68	0.02	0.02	0.02	4.83
Luni	Mithari	1982	7.33	11.86	0.02	0.04	0.02	7.47
Luni	Mithari	1983	57.21	80.34	0.18	0.25	0.12	38.65
Luni	Mithari	1984	7.30	11.82	0.03	0.05	0.03	7.43
Luni	Mithari	1985	4.81	7.78	0.02	0.03	0.02	4.90
Luni	Mithari	1986	7.30	11.80	0.02	0.03	0.02	7.46
Luni	Mithari	1987	2.93	4.75	0.01	0.02	0.01	2.97
Luni	Mithari	1988	9.50	15.37	0.03	0.05	0.03	9.68
Luni	Mithari	1989	10.41	16.83	0.03	0.05	0.03	10.63

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Mithari	1990	162.33	191.58	0.26	0.33	0.13	49.25
Luni	Mithari	1991	2.95	4.80	0.01	0.01	0.01	3.01
Luni	Mithari	1992	137.01	170.88	0.32	0.39	0.16	56.91
Luni	Mithari	1993	13.95	22.28	0.04	0.07	0.03	13.84
Luni	Mithari	1994	42.77	65.82	0.10	0.16	0.09	38.37
Luni	Mithari	1995	43.33	60.60	0.07	0.10	0.05	29.25
Luni	Mithari	1996	18.44	27.52	0.06	0.09	0.05	15.03
Luni	Mithari	1997	34.85	53.76	0.10	0.16	0.08	31.51
Luni	Mithari	1998	9.87	15.95	0.03	0.04	0.03	10.04
Luni	Mithari	1999	14.37	23.10	0.05	0.08	0.05	14.46
Luni	Mithari	2000	7.82	12.66	0.03	0.05	0.03	7.99
Luni	Mithari	2001	12.34	19.93	0.04	0.07	0.04	12.63
Luni	Mithari	2002	2.93	4.77	0.01	0.02	0.01	2.98
Luni	Mithari	2003	28.13	43.48	0.07	0.11	0.06	25.56
Luni	Mithari	2004	8.40	13.58	0.03	0.04	0.03	8.56
Luni	Mithari	2005	12.32	19.90	0.04	0.06	0.04	12.56
Luni	Mithari	2006	184.62	222.38	0.18	0.24	0.10	63.19
Luni	Mithari	2007	26.43	40.16	0.11	0.17	0.09	23.02
Luni	Mithari	2008	6.75	10.91	0.02	0.04	0.02	6.87
Luni	Mithari	2009	3.84	6.23	0.01	0.02	0.01	3.92
Luni	Mithari	2010	43.18	63.75	0.11	0.17	0.09	34.21
Luni	Mithari	**Mean**	**38.96**	**51.35**	**0.08**	**0.11**	**0.05**	**20.65**
Luni	Sagi	1973	322.72	392.24	0.13	0.17	0.31	116.48
Luni	Sagi	1974	0.98	1.60	0.00	0.00	0.00	1.00
Luni	Sagi	1975	82.80	115.72	0.07	0.09	0.13	55.03
Luni	Sagi	1976	268.31	319.56	0.16	0.18	0.25	85.11
Luni	Sagi	1977	135.53	164.84	0.10	0.12	0.17	49.11
Luni	Sagi	1978	7.13	11.51	0.02	0.03	0.02	7.32
Luni	Sagi	1979	6.15	9.93	0.01	0.02	0.01	6.27
Luni	Sagi	1980	1.89	3.08	0.01	0.01	0.01	1.93
Luni	Sagi	1981	2.39	3.86	0.01	0.01	0.01	2.43
Luni	Sagi	1982	1.93	3.12	0.01	0.01	0.01	1.97
Luni	Sagi	1983	9.47	15.29	0.03	0.04	0.03	9.65
Luni	Sagi	1984	3.18	5.15	0.01	0.01	0.01	3.27

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Sagi	1985	1.72	2.79	0.01	0.01	0.01	1.76
Luni	Sagi	1986	1.00	1.63	0.00	0.00	0.00	1.02
Luni	Sagi	1987	0.71	1.17	0.00	0.00	0.00	0.72
Luni	Sagi	1988	2.53	4.10	0.01	0.01	0.01	2.59
Luni	Sagi	1989	2.19	3.55	0.00	0.01	0.01	2.24
Luni	Sagi	1990	193.51	238.88	0.14	0.16	0.24	75.50
Luni	Sagi	1991	0.70	1.14	0.00	0.00	0.00	0.72
Luni	Sagi	1992	283.45	313.27	0.09	0.10	0.15	49.72
Luni	Sagi	1993	125.65	149.21	0.08	0.10	0.14	39.30
Luni	Sagi	1994	69.28	96.78	0.05	0.06	0.08	45.94
Luni	Sagi	1995	1.98	3.21	0.00	0.01	0.00	2.03
Luni	Sagi	1996	2.83	4.57	0.01	0.01	0.01	2.89
Luni	Sagi	1997	9.08	14.66	0.02	0.03	0.02	9.29
Luni	Sagi	1998	1.35	2.18	0.00	0.00	0.00	1.37
Luni	Sagi	1999	1.51	2.43	0.00	0.01	0.00	1.53
Luni	Sagi	2000	2.35	3.79	0.01	0.01	0.01	2.39
Luni	Sagi	2001	14.96	24.14	0.03	0.04	0.06	15.31
Luni	Sagi	2002	4.25	6.89	0.01	0.02	0.01	4.34
Luni	Sagi	2003	10.70	17.27	0.02	0.04	0.03	10.94
Luni	Sagi	2004	1.28	2.08	0.00	0.00	0.00	1.30
Luni	Sagi	2005	17.27	27.85	0.03	0.05	0.06	17.63
Luni	Sagi	2006	196.38	257.24	0.11	0.13	0.21	101.66
Luni	Sagi	2007	5.50	8.89	0.01	0.02	0.01	5.63
Luni	Sagi	2008	3.75	6.07	0.01	0.02	0.01	3.85
Luni	Sagi	2009	1.05	1.72	0.00	0.00	0.00	1.07
Luni	Sagi	2010	64.95	100.32	0.09	0.13	0.18	59.20
Luni	Sagi	**Mean**	**49.01**	**61.62**	**0.03**	**0.04**	**0.06**	**21.04**
Luni	Sukri	1973	12.44	18.99	0.02	0.03	0.02	10.97
Luni	Sukri	1974	0.02	0.05	0.00	0.00	0.00	0.02
Luni	Sukri	1975	0.05	0.09	0.00	0.00	0.00	0.05
Luni	Sukri	1976	0.05	0.09	0.00	0.00	0.00	0.05
Luni	Sukri	1977	0.18	0.30	0.00	0.00	0.00	0.19
Luni	Sukri	1978	0.03	0.06	0.00	0.00	0.00	0.03
Luni	Sukri	1979	18.56	24.50	0.02	0.02	0.03	10.78

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Sukri	1980	28.69	35.93	0.02	0.03	0.04	12.99
Luni	Sukri	1981	0.01	0.01	0.00	0.00	0.00	0.01
Luni	Sukri	1982	0.03	0.06	0.00	0.00	0.00	0.03
Luni	Sukri	1983	0.03	0.06	0.00	0.00	0.00	0.03
Luni	Sukri	1984	0.02	0.03	0.00	0.00	0.00	0.02
Luni	Sukri	1985	0.02	0.04	0.00	0.00	0.00	0.02
Luni	Sukri	1986	0.00	0.01	0.00	0.00	0.00	0.00
Luni	Sukri	1987	0.00	0.00	0.00	0.00	0.00	0.00
Luni	Sukri	1988	0.03	0.05	0.00	0.00	0.00	0.03
Luni	Sukri	1989	0.00	0.00	0.00	0.00	0.00	0.00
Luni	Sukri	1990	0.04	0.07	0.00	0.00	0.00	0.04
Luni	Sukri	1991	0.00	0.00	0.00	0.00	0.00	0.00
Luni	Sukri	1992	0.07	0.11	0.00	0.00	0.00	0.07
Luni	Sukri	1993	0.02	0.03	0.00	0.00	0.00	0.02
Luni	Sukri	1994	0.01	0.03	0.00	0.00	0.00	0.01
Luni	Sukri	1995	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Sukri	1996	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Sukri	1997	0.05	0.08	0.00	0.00	0.00	0.05
Luni	Sukri	1998	0.00	0.00	0.00	0.00	0.00	0.00
Luni	Sukri	1999	0.03	0.05	0.00	0.00	0.00	0.03
Luni	Sukri	2000	0.02	0.04	0.00	0.00	0.00	0.02
Luni	Sukri	2001	0.14	0.23	0.00	0.00	0.00	0.14
Luni	Sukri	2002	0.00	0.00	0.00	0.00	0.00	0.00
Luni	Sukri	2003	0.11	0.18	0.00	0.00	0.00	0.11
Luni	Sukri	2004	0.01	0.03	0.00	0.00	0.00	0.02
Luni	Sukri	2005	0.03	0.06	0.00	0.00	0.00	0.04
Luni	Sukri	2006	0.03	0.05	0.00	0.00	0.00	0.03
Luni	Sukri	2007	2.77	4.44	0.01	0.02	0.01	2.78
Luni	Sukri	2008	0.01	0.02	0.00	0.00	0.00	0.01
Luni	Sukri	2009	0.01	0.01	0.00	0.00	0.00	0.01
Luni	Sukri	2010	0.05	0.09	0.00	0.00	0.00	0.05
Luni	Sukri	**Mean**	**1.67**	**2.26**	**0.00**	**0.00**	**0.00**	**1.02**
Luni	Sukri (Sayala)	1973	286.05	308.11	0.22	0.24	0.10	37.00
Luni	Sukri (Sayala)	1974	0.17	0.29	0.00	0.00	0.00	0.18

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Sukri (Sayala)	1975	71.28	83.12	0.11	0.12	0.04	19.81
Luni	Sukri (Sayala)	1976	236.84	256.70	0.22	0.24	0.09	32.96
Luni	Sukri (Sayala)	1977	116.01	127.79	0.11	0.13	0.05	19.73
Luni	Sukri (Sayala)	1978	2.52	4.07	0.00	0.01	0.00	2.59
Luni	Sukri (Sayala)	1979	1.89	3.05	0.00	0.00	0.00	1.93
Luni	Sukri (Sayala)	1980	0.37	0.61	0.00	0.00	0.00	0.38
Luni	Sukri (Sayala)	1981	0.60	0.97	0.00	0.00	0.00	0.61
Luni	Sukri (Sayala)	1982	0.31	0.52	0.00	0.00	0.00	0.32
Luni	Sukri (Sayala)	1983	4.36	6.73	0.01	0.02	0.01	3.90
Luni	Sukri (Sayala)	1984	0.95	1.53	0.00	0.00	0.00	0.98
Luni	Sukri (Sayala)	1985	0.32	0.52	0.00	0.00	0.00	0.33
Luni	Sukri (Sayala)	1986	0.20	0.32	0.00	0.00	0.00	0.20
Luni	Sukri (Sayala)	1987	0.15	0.25	0.00	0.00	0.00	0.15
Luni	Sukri (Sayala)	1988	0.46	0.74	0.00	0.00	0.00	0.47
Luni	Sukri (Sayala)	1989	0.39	0.63	0.00	0.00	0.00	0.40
Luni	Sukri (Sayala)	1990	170.24	188.80	0.23	0.26	0.08	30.89
Luni	Sukri (Sayala)	1991	0.14	0.24	0.00	0.00	0.00	0.15
Luni	Sukri (Sayala)	1992	236.54	246.10	0.10	0.11	0.04	15.91
Luni	Sukri (Sayala)	1993	104.31	111.64	0.12	0.13	0.04	12.21
Luni	Sukri (Sayala)	1994	63.90	73.75	0.07	0.08	0.03	16.46
Luni	Sukri (Sayala)	1995	0.40	0.66	0.00	0.00	0.00	0.41
Luni	Sukri (Sayala)	1996	0.61	0.99	0.00	0.00	0.00	0.63
Luni	Sukri (Sayala)	1997	4.61	6.42	0.01	0.01	0.00	3.02
Luni	Sukri (Sayala)	1998	0.23	0.39	0.00	0.00	0.00	0.24
Luni	Sukri (Sayala)	1999	0.25	0.43	0.00	0.00	0.00	0.26
Luni	Sukri (Sayala)	2000	0.51	0.83	0.00	0.00	0.00	0.53
Luni	Sukri (Sayala)	2001	8.37	11.64	0.02	0.02	0.01	5.45
Luni	Sukri (Sayala)	2002	1.71	2.72	0.00	0.01	0.00	1.68
Luni	Sukri (Sayala)	2003	4.86	7.40	0.01	0.01	0.01	4.24
Luni	Sukri (Sayala)	2004	0.22	0.37	0.00	0.00	0.00	0.23
Luni	Sukri (Sayala)	2005	11.05	15.32	0.02	0.04	0.02	7.14
Luni	Sukri (Sayala)	2006	179.96	201.88	0.17	0.19	0.07	36.62
Luni	Sukri (Sayala)	2007	1.83	2.95	0.00	0.00	0.00	1.89
Luni	Sukri (Sayala)	2008	0.85	1.38	0.00	0.00	0.00	0.88

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Luni	Sukri (Sayala)	2009	0.18	0.31	0.00	0.00	0.00	0.19
Luni	Sukri (Sayala)	2010	52.38	67.46	0.13	0.17	0.06	25.24
Luni	Sukri (Sayala)	**Mean**	**41.21**	**45.73**	**0.04**	**0.05**	**0.02**	**7.53**
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1973	738.79	744.07	1.94	2.10	1.89	5.74
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1974	0.84	1.21	2.52	2.56	1.33	3.07
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1975	253.56	259.14	1.96	2.01	1.73	5.35
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1976	615.12	620.56	3.50	3.51	2.87	7.85
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1977	316.42	321.99	3.72	3.74	3.19	8.47
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1978	22.72	26.12	2.93	3.07	2.14	5.52
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1979	13.98	17.07	2.14	2.45	1.38	3.69
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1980	6.60	7.35	1.78	2.20	1.24	2.91
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1981	5.43	6.67	0.60	0.78	0.26	0.90
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1982	2.07	2.64	0.70	0.92	0.44	1.20
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1983	33.93	38.18	1.24	1.50	1.36	3.84
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1984	15.08	16.77	1.90	2.23	1.42	3.64
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1985	5.46	6.02	0.90	1.16	0.41	1.16
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1986	0.94	1.23	0.34	0.46	0.11	0.34
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1987	0.58	0.80	0.17	0.25	0.06	0.21
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1988	5.77	6.65	0.30	0.39	0.26	0.84
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1989	8.11	8.89	0.45	0.58	0.29	0.93
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1990	482.26	488.54	2.39	2.44	2.50	6.72
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1991	0.66	0.90	2.26	2.28	1.10	2.65
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1992	593.36	598.98	2.01	2.05	1.77	5.11
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1993	266.27	270.90	3.70	3.71	3.00	7.35
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1994	230.63	235.95	2.95	2.98	2.27	6.63
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1995	6.15	7.02	2.53	2.62	1.41	3.46
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1996	5.33	6.58	1.02	1.18	0.46	1.39
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1997	34.21	38.12	1.44	1.70	1.35	3.72
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1998	13.20	13.73	1.54	1.80	0.86	2.16
Other Nallahs Of Jalore	Other Nallahs Of Jalore	1999	1.27	1.67	0.55	0.70	0.18	0.56
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2000	3.57	4.68	0.54	0.70	0.44	1.19
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2001	54.75	59.01	1.65	1.85	1.65	4.59
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2002	7.89	10.42	1.98	2.28	1.43	3.61
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2003	49.55	53.84	2.32	2.78	2.19	5.51

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2004	5.87	6.28	1.37	1.59	0.63	1.64
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2005	52.91	58.49	1.81	1.99	1.82	5.20
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2006	504.74	509.93	3.19	3.31	2.73	7.54
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2007	17.34	20.15	3.04	3.20	2.22	5.40
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2008	7.56	9.28	1.73	2.02	1.02	2.76
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2009	1.51	1.82	0.83	1.09	0.33	0.92
Other Nallahs Of Jalore	Other Nallahs Of Jalore	2010	199.56	207.00	1.96	2.06	2.11	6.50
Other Nallahs Of Jalore	Other Nallahs Of Jalore	**Mean**	**120.63**	**123.39**	**1.79**	**1.95**	**1.36**	**3.69**
Sabarmati	Sabarmati	1973	708.79	714.93	5.42	5.52	2.09	9.44
Sabarmati	Sabarmati	1974	3.95	5.39	4.31	4.46	0.86	3.35
Sabarmati	Sabarmati	1975	249.41	255.35	3.73	3.85	1.48	7.40
Sabarmati	Sabarmati	1976	153.20	158.51	6.32	6.38	1.71	7.60
Sabarmati	Sabarmati	1977	257.83	264.39	6.82	6.87	1.98	8.38
Sabarmati	Sabarmati	1978	65.20	69.88	6.05	6.12	1.53	6.72
Sabarmati	Sabarmati	1979	32.70	36.69	6.04	6.22	1.39	5.69
Sabarmati	Sabarmati	1980	114.93	120.94	6.07	6.33	2.01	7.39
Sabarmati	Sabarmati	1981	19.04	22.97	3.72	3.99	1.34	5.59
Sabarmati	Sabarmati	1982	4.87	5.99	1.94	2.19	0.58	2.38
Sabarmati	Sabarmati	1983	76.45	81.70	2.96	3.13	1.40	6.27
Sabarmati	Sabarmati	1984	103.43	108.30	3.79	3.92	1.48	6.90
Sabarmati	Sabarmati	1985	113.74	118.89	3.78	3.88	1.65	6.73
Sabarmati	Sabarmati	1986	10.23	11.73	2.92	3.12	0.46	1.83
Sabarmati	Sabarmati	1987	1.35	1.92	1.44	1.67	0.18	0.71
Sabarmati	Sabarmati	1988	69.62	73.62	1.75	1.90	1.13	5.08
Sabarmati	Sabarmati	1989	24.00	26.91	2.81	3.02	0.98	4.26
Sabarmati	Sabarmati	1990	197.86	204.10	5.04	5.23	1.59	7.18
Sabarmati	Sabarmati	1991	138.73	143.67	5.99	6.04	1.53	6.60
Sabarmati	Sabarmati	1992	325.25	330.15	5.69	5.76	1.47	6.63
Sabarmati	Sabarmati	1993	117.32	122.40	6.75	6.79	1.79	6.92
Sabarmati	Sabarmati	1994	340.68	346.10	5.56	5.61	1.45	7.46
Sabarmati	Sabarmati	1995	34.40	38.51	6.00	6.15	1.39	5.87
Sabarmati	Sabarmati	1996	20.00	21.94	5.00	5.27	0.89	3.50
Sabarmati	Sabarmati	1997	60.28	64.48	4.98	5.19	1.04	4.80
Sabarmati	Sabarmati	1998	20.42	23.94	4.60	4.79	1.20	5.27

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Sabarmati	Sabarmati	1999	2.75	3.63	2.38	2.61	0.60	2.52
Sabarmati	Sabarmati	2000	8.06	9.63	1.23	1.44	0.58	2.19
Sabarmati	Sabarmati	2001	40.36	44.26	2.00	2.18	1.16	4.86
Sabarmati	Sabarmati	2002	3.23	4.30	1.61	1.78	0.56	2.26
Sabarmati	Sabarmati	2003	92.35	97.37	2.14	2.28	1.33	6.33
Sabarmati	Sabarmati	2004	10.68	12.91	2.54	2.69	1.02	4.10
Sabarmati	Sabarmati	2005	177.49	183.78	3.74	3.89	1.49	6.63
Sabarmati	Sabarmati	2006	462.12	467.30	6.14	6.18	1.62	7.47
Sabarmati	Sabarmati	2007	203.83	209.63	6.96	6.98	1.92	7.92
Sabarmati	Sabarmati	2008	21.63	25.16	4.43	4.55	1.27	5.37
Sabarmati	Sabarmati	2009	40.56	45.79	3.09	3.23	1.57	6.31
Sabarmati	Sabarmati	2010	90.10	95.43	3.50	3.58	1.36	6.51
Sabarmati	Sabarmati	**Mean**	**116.23**	**120.33**	**4.19**	**4.34**	**1.29**	**5.59**
Sabarmati	Sei	1973	732.95	743.56	7.82	8.70	3.27	15.15
Sabarmati	Sei	1974	3.10	4.63	8.14	8.36	1.44	5.43
Sabarmati	Sei	1975	212.83	223.55	6.21	6.57	2.45	12.63
Sabarmati	Sei	1976	124.01	134.80	10.97	11.68	3.37	14.55
Sabarmati	Sei	1977	211.42	221.76	11.64	12.58	3.93	16.36
Sabarmati	Sei	1978	68.47	78.64	10.72	11.50	3.39	14.49
Sabarmati	Sei	1979	39.25	48.95	9.16	10.81	3.46	14.03
Sabarmati	Sei	1980	92.98	103.36	8.15	10.17	3.88	14.16
Sabarmati	Sei	1981	15.42	18.24	4.57	5.83	1.43	5.62
Sabarmati	Sei	1982	3.98	14.36	1.86	3.31	0.80	3.14
Sabarmati	Sei	1983	67.92	89.78	3.39	6.22	2.50	10.83
Sabarmati	Sei	1984	76.69	86.96	4.27	7.24	1.94	8.40
Sabarmati	Sei	1985	82.37	100.43	3.75	6.63	2.15	8.53
Sabarmati	Sei	1986	15.90	33.94	3.57	7.20	2.10	8.43
Sabarmati	Sei	1987	1.00	1.62	2.07	4.58	0.72	2.61
Sabarmati	Sei	1988	47.13	49.99	1.40	1.99	0.81	3.64
Sabarmati	Sei	1989	23.87	30.40	2.67	3.32	1.67	7.14
Sabarmati	Sei	1990	224.97	244.96	8.00	8.81	3.39	14.59
Sabarmati	Sei	1991	110.51	122.26	10.45	11.32	3.05	12.35
Sabarmati	Sei	1992	334.84	348.84	9.79	10.77	3.02	13.35
Sabarmati	Sei	1993	112.12	123.04	12.98	13.27	3.75	14.13

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Sabarmati	Sei	1994	331.79	342.95	10.66	10.96	3.09	14.87
Sabarmati	Sei	1995	44.90	55.79	10.93	11.77	3.42	13.63
Sabarmati	Sei	1996	28.51	41.03	8.07	10.13	3.09	12.58
Sabarmati	Sei	1997	81.14	95.45	9.01	10.71	3.25	13.71
Sabarmati	Sei	1998	18.04	23.78	8.16	8.74	1.96	8.31
Sabarmati	Sei	1999	2.14	3.30	3.19	3.97	1.06	4.07
Sabarmati	Sei	2000	5.97	8.03	1.26	1.68	0.74	2.76
Sabarmati	Sei	2001	31.06	34.23	1.64	1.96	0.98	4.12
Sabarmati	Sei	2002	2.42	3.65	1.25	1.55	0.54	2.16
Sabarmati	Sei	2003	68.30	73.35	1.79	2.24	1.35	6.24
Sabarmati	Sei	2004	7.96	10.58	2.13	2.63	1.06	4.36
Sabarmati	Sei	2005	188.38	199.56	5.41	5.83	2.43	10.93
Sabarmati	Sei	2006	512.34	525.79	11.94	12.08	3.28	14.76
Sabarmati	Sei	2007	211.74	223.62	13.46	13.57	3.87	15.13
Sabarmati	Sei	2008	17.38	19.55	7.70	7.81	1.38	5.45
Sabarmati	Sei	2009	30.85	33.88	3.04	3.24	1.01	4.05
Sabarmati	Sei	2010	86.55	98.45	4.32	5.12	2.29	10.70
Sabarmati	Sei	**Mean**	**112.40**	**121.50**	**6.46**	**7.50**	**2.30**	**9.67**
Sabarmati	Vatrak	1973	195.30	204.17	5.55	5.98	2.60	12.95
Sabarmati	Vatrak	1974	0.38	0.63	3.82	3.87	0.85	3.44
Sabarmati	Vatrak	1975	163.66	173.18	3.67	3.74	2.08	11.38
Sabarmati	Vatrak	1976	179.18	189.21	6.31	6.37	2.87	14.05
Sabarmati	Vatrak	1977	203.22	212.80	6.63	6.76	3.16	15.19
Sabarmati	Vatrak	1978	98.84	108.19	6.22	6.31	2.89	13.33
Sabarmati	Vatrak	1979	12.79	22.83	4.60	5.23	1.88	8.27
Sabarmati	Vatrak	1980	19.23	29.12	3.51	4.94	2.00	8.59
Sabarmati	Vatrak	1981	25.98	35.33	3.74	4.73	2.04	9.22
Sabarmati	Vatrak	1982	23.68	32.90	4.25	5.26	2.24	9.99
Sabarmati	Vatrak	1983	51.21	61.78	5.03	5.89	2.53	12.02
Sabarmati	Vatrak	1984	120.00	130.25	5.97	6.08	2.52	12.41
Sabarmati	Vatrak	1985	12.59	19.58	4.47	4.90	2.00	9.09
Sabarmati	Vatrak	1986	62.22	72.19	4.49	5.05	2.42	11.16
Sabarmati	Vatrak	1987	92.68	100.70	5.03	5.16	2.26	9.72
Sabarmati	Vatrak	1988	163.27	172.53	5.38	5.46	2.53	12.24

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Sabarmati	Vatrak	1989	58.07	66.36	5.77	5.86	2.48	11.65
Sabarmati	Vatrak	1990	149.38	158.85	6.09	6.15	2.83	13.83
Sabarmati	Vatrak	1991	77.39	85.61	6.12	6.12	2.57	11.79
Sabarmati	Vatrak	1992	104.66	113.00	5.65	5.67	2.35	11.37
Sabarmati	Vatrak	1993	92.55	100.76	6.23	6.25	2.64	12.14
Sabarmati	Vatrak	1994	214.01	222.66	5.28	5.30	2.20	11.81
Sabarmati	Vatrak	1995	65.85	74.00	5.45	5.57	2.49	11.36
Sabarmati	Vatrak	1996	70.19	78.92	5.21	5.36	2.49	12.06
Sabarmati	Vatrak	1997	102.99	112.39	5.81	6.03	2.92	13.81
Sabarmati	Vatrak	1998	53.31	61.19	4.69	4.88	2.11	10.24
Sabarmati	Vatrak	1999	19.52	26.69	4.78	5.11	2.47	11.18
Sabarmati	Vatrak	2000	1.11	1.79	2.18	2.48	0.63	2.64
Sabarmati	Vatrak	2001	27.68	35.48	2.40	2.73	1.64	7.85
Sabarmati	Vatrak	2002	0.26	0.43	1.97	2.21	0.48	2.01
Sabarmati	Vatrak	2003	20.42	27.39	1.78	2.18	1.45	7.33
Sabarmati	Vatrak	2004	36.70	45.67	3.69	4.17	2.13	9.84
Sabarmati	Vatrak	2005	16.53	23.83	3.57	4.06	1.95	9.31
Sabarmati	Vatrak	2006	260.96	271.24	4.64	5.09	2.48	12.73
Sabarmati	Vatrak	2007	79.43	88.80	5.76	5.78	2.87	13.23
Sabarmati	Vatrak	2008	1.98	3.17	2.88	2.97	0.88	3.90
Sabarmati	Vatrak	2009	58.81	66.19	2.63	2.79	1.70	8.08
Sabarmati	Vatrak	2010	23.23	30.82	3.87	4.25	2.03	9.87
Sabarmati	Vatrak	**Mean**	**77.87**	**85.81**	**4.61**	**4.91**	**2.18**	**10.29**
Sabarmati	Wakal	1973	1047.43	1072.01	13.89	14.69	6.53	33.05
Sabarmati	Wakal	1974	16.32	25.02	15.91	16.71	4.47	17.65
Sabarmati	Wakal	1975	395.90	420.39	12.26	13.05	6.27	31.77
Sabarmati	Wakal	1976	253.42	280.91	18.98	19.42	7.25	32.72
Sabarmati	Wakal	1977	267.44	291.12	18.87	19.45	6.76	29.82
Sabarmati	Wakal	1978	132.49	153.70	17.17	17.72	6.41	28.34
Sabarmati	Wakal	1979	41.06	54.02	13.60	14.75	4.97	20.10
Sabarmati	Wakal	1980	126.64	145.58	13.64	15.29	6.35	24.46
Sabarmati	Wakal	1981	51.43	67.12	11.59	12.95	4.85	21.56
Sabarmati	Wakal	1982	13.85	21.36	7.92	9.56	3.38	13.92
Sabarmati	Wakal	1983	149.47	172.06	10.34	11.64	5.73	26.53

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Sabarmati	Wakal	1984	110.97	128.44	14.81	15.60	5.61	25.48
Sabarmati	Wakal	1985	208.18	231.39	16.34	17.08	6.84	29.35
Sabarmati	Wakal	1986	9.51	14.82	11.59	12.63	3.47	13.27
Sabarmati	Wakal	1987	4.25	6.91	3.03	3.92	1.06	4.06
Sabarmati	Wakal	1988	87.01	101.83	7.02	7.91	3.92	18.10
Sabarmati	Wakal	1989	46.96	59.90	11.04	12.29	4.35	18.94
Sabarmati	Wakal	1990	196.22	218.34	13.06	14.13	5.72	26.98
Sabarmati	Wakal	1991	181.94	201.16	17.79	18.33	6.24	27.57
Sabarmati	Wakal	1992	443.66	465.16	17.70	18.07	6.31	28.93
Sabarmati	Wakal	1993	141.37	161.52	19.46	19.91	7.27	29.16
Sabarmati	Wakal	1994	437.77	461.09	15.93	16.37	5.94	31.02
Sabarmati	Wakal	1995	60.22	75.26	16.93	17.52	5.46	22.93
Sabarmati	Wakal	1996	85.16	104.23	12.57	13.64	5.67	25.08
Sabarmati	Wakal	1997	69.46	86.48	11.66	12.67	5.55	24.63
Sabarmati	Wakal	1998	33.47	45.06	10.08	11.34	4.30	18.79
Sabarmati	Wakal	1999	8.88	13.97	6.24	7.85	2.74	11.16
Sabarmati	Wakal	2000	17.97	25.28	3.68	5.26	2.46	9.48
Sabarmati	Wakal	2001	82.36	99.66	8.39	9.78	4.69	20.28
Sabarmati	Wakal	2002	10.85	16.79	7.68	8.93	2.48	10.10
Sabarmati	Wakal	2003	95.88	118.05	7.80	9.42	4.39	20.46
Sabarmati	Wakal	2004	20.60	30.78	9.67	11.56	3.44	14.13
Sabarmati	Wakal	2005	257.47	287.85	11.32	12.94	5.82	26.51
Sabarmati	Wakal	2006	809.37	833.73	18.88	19.39	6.93	32.92
Sabarmati	Wakal	2007	188.36	209.37	20.86	21.27	7.10	30.52
Sabarmati	Wakal	2008	28.31	36.71	12.99	13.98	3.69	15.33
Sabarmati	Wakal	2009	66.17	79.77	9.99	11.35	4.13	17.28
Sabarmati	Wakal	2010	269.18	294.06	12.47	13.19	5.40	26.84
Sabarmati	Wakal	**Mean**	**170.18**	**187.13**	**12.71**	**13.72**	**5.10**	**22.61**
Shekhwati	Dohan	1973	36.13	41.37	2.57	2.92	3.00	7.38
Shekhwati	Dohan	1974	23.87	29.78	2.93	3.36	3.91	8.72
Shekhwati	Dohan	1975	95.39	105.73	3.10	3.41	4.30	11.37
Shekhwati	Dohan	1976	150.67	161.90	4.55	4.80	6.88	16.32
Shekhwati	Dohan	1977	430.69	445.41	4.80	4.86	8.30	20.25
Shekhwati	Dohan	1978	119.11	130.99	5.15	5.14	8.51	19.57

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Shekhwati	Dohan	1979	6.03	9.00	3.98	4.13	4.66	9.90
Shekhwati	Dohan	1980	53.52	56.15	2.49	2.76	2.26	5.17
Shekhwati	Dohan	1981	16.11	19.12	1.89	2.24	2.10	4.88
Shekhwati	Dohan	1982	5.02	6.63	1.46	1.83	1.49	3.52
Shekhwati	Dohan	1983	58.24	63.40	1.71	2.08	2.48	6.33
Shekhwati	Dohan	1984	4.74	6.32	1.80	2.12	1.84	4.25
Shekhwati	Dohan	1985	40.08	44.99	1.78	2.10	2.26	5.60
Shekhwati	Dohan	1986	5.28	7.19	1.97	2.38	2.10	4.73
Shekhwati	Dohan	1987	2.09	2.96	1.15	1.50	0.82	1.85
Shekhwati	Dohan	1988	77.42	83.47	1.50	1.80	2.40	6.09
Shekhwati	Dohan	1989	2.46	3.44	1.96	2.32	2.00	4.55
Shekhwati	Dohan	1990	5.09	6.88	1.08	1.35	1.17	3.00
Shekhwati	Dohan	1991	8.91	10.76	0.93	1.10	1.23	3.12
Shekhwati	Dohan	1992	15.96	18.77	1.22	1.39	1.73	4.40
Shekhwati	Dohan	1993	98.59	106.08	2.43	2.82	3.92	9.12
Shekhwati	Dohan	1994	55.82	60.82	2.93	3.37	3.91	9.17
Shekhwati	Dohan	1995	208.65	219.80	3.40	3.79	5.10	12.22
Shekhwati	Dohan	1996	261.59	276.02	4.99	5.10	9.06	21.23
Shekhwati	Dohan	1997	47.60	51.72	4.02	4.08	5.49	12.90
Shekhwati	Dohan	1998	9.87	12.27	2.63	2.79	2.73	6.56
Shekhwati	Dohan	1999	7.78	9.69	1.76	1.97	1.75	4.18
Shekhwati	Dohan	2000	5.70	7.30	1.34	1.53	1.37	3.14
Shekhwati	Dohan	2001	31.52	35.59	1.64	1.96	2.23	5.33
Shekhwati	Dohan	2002	1.46	2.06	1.45	1.82	1.24	2.67
Shekhwati	Dohan	2003	56.51	62.56	1.53	1.85	2.22	6.01
Shekhwati	Dohan	2004	4.88	6.68	2.02	2.34	2.30	5.21
Shekhwati	Dohan	2005	26.69	33.66	2.21	2.57	3.39	8.12
Shekhwati	Dohan	2006	8.25	11.25	2.45	2.83	3.06	6.96
Shekhwati	Dohan	2007	8.68	11.54	1.79	2.12	2.08	4.82
Shekhwati	Dohan	2008	86.48	93.90	2.34	2.72	3.76	9.14
Shekhwati	Dohan	2009	11.23	12.91	2.59	3.07	2.62	5.84
Shekhwati	Dohan	2010	230.34	245.22	3.05	3.28	4.97	13.10
Shekhwati	Dohan	**Mean**	**61.01**	**66.14**	**2.44**	**2.73**	**3.28**	**7.81**
Shekhwati	Kantil	1973	11.72	15.57	2.00	2.51	1.95	4.71

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Shekhwati	Kantil	1974	38.87	45.04	3.28	3.88	3.31	7.33
Shekhwati	Kantil	1975	98.49	111.65	5.42	5.96	5.04	13.35
Shekhwati	Kantil	1976	54.48	63.21	9.13	9.57	7.47	16.95
Shekhwati	Kantil	1977	208.11	220.52	8.47	8.87	7.03	17.13
Shekhwati	Kantil	1978	39.31	43.16	7.85	7.90	5.41	12.34
Shekhwati	Kantil	1979	12.07	15.93	4.97	5.13	2.86	6.22
Shekhwati	Kantil	1980	4.83	6.41	2.87	3.13	1.63	3.59
Shekhwati	Kantil	1981	10.77	14.19	2.05	2.34	1.73	3.92
Shekhwati	Kantil	1982	5.62	7.84	1.92	2.32	1.76	3.90
Shekhwati	Kantil	1983	20.45	28.44	2.65	3.48	3.39	8.21
Shekhwati	Kantil	1984	6.60	8.56	3.30	4.50	2.91	6.19
Shekhwati	Kantil	1985	15.20	21.73	2.91	3.97	2.98	6.85
Shekhwati	Kantil	1986	8.12	10.81	3.02	4.20	2.74	5.94
Shekhwati	Kantil	1987	2.11	3.39	1.81	2.51	1.21	2.56
Shekhwati	Kantil	1988	19.62	25.13	1.76	2.32	2.18	5.35
Shekhwati	Kantil	1989	3.28	4.54	2.32	2.97	2.01	4.45
Shekhwati	Kantil	1990	3.74	5.47	1.29	1.77	0.95	2.30
Shekhwati	Kantil	1991	3.54	4.93	0.94	1.27	0.86	2.07
Shekhwati	Kantil	1992	15.60	20.98	1.57	2.05	2.03	5.05
Shekhwati	Kantil	1993	24.37	32.68	3.90	4.91	4.75	10.68
Shekhwati	Kantil	1994	10.90	14.23	4.12	5.02	3.67	8.21
Shekhwati	Kantil	1995	166.95	179.44	5.77	6.27	5.38	12.87
Shekhwati	Kantil	1996	231.58	244.24	9.89	9.87	8.57	20.15
Shekhwati	Kantil	1997	13.49	19.61	7.49	7.63	4.73	11.29
Shekhwati	Kantil	1998	4.58	6.65	5.31	6.33	3.59	7.95
Shekhwati	Kantil	1999	3.42	4.76	2.71	3.37	1.42	3.11
Shekhwati	Kantil	2000	3.08	4.41	1.35	1.79	0.90	2.02
Shekhwati	Kantil	2001	3.70	5.15	0.91	1.25	1.10	2.56
Shekhwati	Kantil	2002	1.64	2.60	0.73	0.98	0.74	1.63
Shekhwati	Kantil	2003	10.84	13.93	1.08	1.40	1.43	3.66
Shekhwati	Kantil	2004	6.53	8.27	1.51	1.93	1.37	3.22
Shekhwati	Kantil	2005	30.94	38.93	2.56	3.10	2.82	6.85
Shekhwati	Kantil	2006	7.96	10.53	3.53	4.47	3.17	6.89
Shekhwati	Kantil	2007	5.75	7.76	2.30	2.89	1.59	3.34

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Shekhwati	Kantil	2008	19.29	24.41	2.16	2.66	2.37	5.71
Shekhwati	Kantil	2009	2.91	3.96	2.23	2.78	2.06	4.54
Shekhwati	Kantil	2010	211.35	222.57	3.55	4.15	4.00	10.26
Shekhwati	Kantil	**Mean**	**35.31**	**40.04**	**3.44**	**3.99**	**2.98**	**6.93**
Shekhwati	Medha	1973	1.50	2.61	0.02	0.04	0.07	1.77
Shekhwati	Medha	1974	8.70	11.90	0.09	0.19	0.23	5.31
Shekhwati	Medha	1975	11.18	15.75	0.12	0.15	0.26	7.68
Shekhwati	Medha	1976	4.34	7.37	0.07	0.10	0.18	4.85
Shekhwati	Medha	1977	7.99	11.30	0.07	0.12	0.19	5.48
Shekhwati	Medha	1978	3.10	5.62	0.06	0.11	0.15	4.03
Shekhwati	Medha	1979	2.63	5.01	0.09	0.12	0.17	3.79
Shekhwati	Medha	1980	3.48	5.59	0.05	0.09	0.13	3.31
Shekhwati	Medha	1981	4.26	7.19	0.09	0.13	0.19	4.82
Shekhwati	Medha	1982	2.81	5.33	0.06	0.11	0.15	3.93
Shekhwati	Medha	1983	9.16	14.17	0.14	0.21	0.31	8.50
Shekhwati	Medha	1984	1.82	3.59	0.05	0.08	0.10	2.84
Shekhwati	Medha	1985	2.13	3.83	0.04	0.07	0.10	2.71
Shekhwati	Medha	1986	2.24	3.81	0.04	0.07	0.10	2.48
Shekhwati	Medha	1987	0.92	1.73	0.02	0.04	0.06	1.23
Shekhwati	Medha	1988	2.11	3.98	0.05	0.09	0.12	2.96
Shekhwati	Medha	1989	1.92	3.62	0.05	0.08	0.12	2.71
Shekhwati	Medha	1990	2.22	4.09	0.05	0.08	0.12	2.94
Shekhwati	Medha	1991	3.19	5.79	0.08	0.10	0.17	4.18
Shekhwati	Medha	1992	4.60	7.35	0.07	0.10	0.16	4.57
Shekhwati	Medha	1993	2.61	4.66	0.06	0.09	0.14	3.19
Shekhwati	Medha	1994	3.17	5.33	0.05	0.09	0.13	3.47
Shekhwati	Medha	1995	4.01	6.30	0.05	0.09	0.13	3.73
Shekhwati	Medha	1996	7.08	11.07	0.11	0.15	0.25	6.64
Shekhwati	Medha	1997	3.89	7.13	0.08	0.15	0.20	5.07
Shekhwati	Medha	1998	2.92	4.97	0.04	0.07	0.12	3.31
Shekhwati	Medha	1999	1.67	2.99	0.03	0.05	0.08	2.05
Shekhwati	Medha	2000	1.95	3.74	0.06	0.09	0.13	2.85
Shekhwati	Medha	2001	3.26	5.72	0.07	0.12	0.17	3.91
Shekhwati	Medha	2002	0.91	1.78	0.02	0.04	0.06	1.36

Basin	Lumped Minor projects in Sub-basin	Year	Water yield Scenario 1, MCM	Water yield Scenario 2, MCM	Minor Dam Evaporation Scenario 1, MCM	Minor Dam Evaporation Scenario 2, MCM	Evaporation from WHS, MCM	Recharge from WHS, MCM
Shekhwati	Medha	2003	2.91	5.33	0.06	0.11	0.14	3.91
Shekhwati	Medha	2004	2.12	3.46	0.03	0.05	0.08	2.11
Shekhwati	Medha	2005	2.14	3.81	0.04	0.06	0.11	2.62
Shekhwati	Medha	2006	0.80	1.52	0.01	0.03	0.04	1.12
Shekhwati	Medha	2007	1.20	2.28	0.02	0.05	0.07	1.66
Shekhwati	Medha	2008	3.16	5.08	0.03	0.05	0.12	3.07
Shekhwati	Medha	2009	0.94	1.77	0.02	0.04	0.06	1.27
Shekhwati	Medha	2010	3.51	6.19	0.06	0.10	0.14	4.26
Shekhwati	Medha	**Mean**	**3.38**	**5.60**	**0.06**	**0.09**	**0.14**	**3.57**

Appendix IV

Minor Dams Details in Various Project Catchments and Basins

(Details in soft copy)

Appendix IV – Abstract

Minor Dams Details in Various Project Catchments and Basins

Sr. no.	Basin	Name of Project Catchment	Minor Projects	
			Number	Live Storage, Mm^3
1	Shekhawati	Raipur Patan	5	3.05
2	Ruparail	Jai Samand Bund	1	12.23
		Sikri Bund	12	20.21
3	Banganga	Ajan Lower	16	17.65
		Kala Kho	4	10.75
		Ramgarh	4	2.10
		Sainthal Sagar	5	15.76
4	Gambhir	Baretha	1	0.80
		Juggar	1	0.80
		Panchana Dam	4	2.63
5	Parbati	Parbati Dam	4	1.02
		Ramsagar Dam	4	3.94
		Urmila Sagar	1	0.65
6	Sabi	Buchara	7	4.34
		Chhitoli	1	1.20
7	Banas	Arwar Dam	24	21.32
		Badgaon	4	4.58
		Bagoliya	1	0.75
		Bassi	5	7.56
		Bhopalsagar	10	6.05
		Bisalpur	412	335.28
		Chandra Bhaga	9	9.59
		Chandsen Bheru Sagar	7	3.68
		Chhaparwada	14	10.61
		Dheel	11	6.79
		Galwa Dam	3	4.16
		Gambhiri	7	16.91
		Gosunda Proj.	42	70.63
		Hingoniya	3	7.13
		Jetpura	1	0.41
		Kalakh Sagar	1	2.46
		Kalisil	4	2.23
		Khari Dam	23	20.70
		Kothari Dam	14	6.44
		Lassaria Irrigation Project	149	121.60
		Mandal	4	1.30
		Mashi	79	70.44
		Mataji Ka Khera	1	4.87
		Matrikundia	34	47.25
		Meja	69	56.72
		Mora Sagar	2	1.02

Sr. no.	Basin	Name of Project Catchment	Minor Projects	
			Number	Live Storage, Mm^3
		Morel Bund	32	58.43
		Moti Sagar	1	1.13
		Nahar Sagar	42	22.68
		Nandsamand	15	8.29
		Narain Sagar Jalia Lind	2	0.65
		Orai	2	0.89
		Rajsamand	9	5.01
		Sareri Dam	35	18.44
		Surawal	10	8.66
		Tordi Sagar	27	13.98
		Udai Sagar	9	32.38
		Ummed SagarB	31	13.24
		Vallabhnagar	8	11.21
		Wagan Project	6	5.43
8	Chambal	Abhaypura	2	2.58
		Alnia Irrigation Project	1	0.98
		Bhim Sagar	3	3.42
		Bhimlat Dam	1	1.32
		Bilas Dam	1	2.19
		Bundi Ka Gothra	11	14.95
		Burdha Dam	6	1.68
		Chauli	2	2.98
		Dugari	2	10.36
		Gagrain	2	2.35
		Gopalpura	6	19.89
		Gudha	20	24.05
		Harishchandra Sagar	31	51.42
		Jawahar Sagar Dam	20	40.01
		Kota Barrage	1	0.51
		Parwan Lift	3	12.79
		Parwan Pickup Weir	9	21.41
		Parwati Pickup Weir	6	26.54
		Piplad	1	0.80
		Rana Pratap Sagar Dam	7	17.88
		Ummed SagarC	6	19.07
9	Mahi	Jaisamand	13	13.40
		Jakham	3	1.22
		Mahi Bajaj Sagar	34	25.13
		Som Kamla Amba	55	82.54
		Somkagdar	8	9.43
		Surwania	5	2.70
10	Luni	Angore Dam	1	0.54
		Bandi Sendra	9	4.61
		Bankli Bund	17	32.64

Sr. no.	Basin	Name of Project Catchment	Minor Projects	
			Number	Live Storage, Mm^3
		Bisalpura Bund	23	8.92
		Giroliya Tank	8	17.05
		Hemawas Bund	6	2.72
		Jaswant Sagar	63	56.47
		Jawai Bund	5	4.49
		Ora Bund	2	1.31
		Phool Sagar Jaliya	12	14.33
		Raipur Luni	8	5.35
		Sardar Samand	27	24.27
11	West Banas	West Banas	4	10.48
12	Sukli	Sukli Selwara	3	8.40
Grand Total			**1,679**	**1,741.24**

Appendix IV - Minor Dams Details in various Project Catchments and Basins

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
105	Chorolav Tank Sawar	AJMER	Kekri	Banas	Banas	MINOR	State Time	25.761170	75.208764	3.50	2,100.00	0.28	0.28	NA	51.62	1.89	39.67	39.70	39.67	Bisalpur
387	Footia Talab Ghatiyali	AJMER	Kekri	Banas	Banas	Minor	State Time	25.775714	75.272391	NA	NA	0.35	0.34	NA		NA	50.18	50.18	50.18	Bisalpur
242	Mathalav Kekri	AJMER	Kekri	Banas	Banas	MINOR	State Time	25.718336	75.177744	3.50	2,580.00	0.42	0.42	NA	45.67	NA	48.58	48.60	48.58	Bisalpur
1041	Agriya Pandir	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.650151	75.164694				0.40					41.00		Bisalpur
1043	Ajrea Pander	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.636106	75.145211				0.42					41.00		Bisalpur
1064	Atolia	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.718231	75.166916				0.97					185.00		Bisalpur
1070	Bada Talab Chilawas	BHILWARA	Jahazpur	Banas	Banas	MINOR	State Time	25.688592	75.213522	3.50	2,003.00	0.23	0.21	NA	19.13	NA	28.34	28.30	28.34	Bisalpur
1083	Bander Ka Naka	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.502396	75.208623				0.74					288.00		Bisalpur
1087	Baradpura	BHILWARA	Jahazpur	Banas	Banas	MINOR	Old tank	25.701037	75.350156				1.90					362.00		Bisalpur
1088	Barla Poliya	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.721420	75.330907				1.53					75.00		Bisalpur
1101	Bharani Kalan	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.550512	75.161907				0.22					38.00		Bisalpur
1104	Bhawani pura	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.540166	75.288187				0.34					65.00		Bisalpur
1125	Borani	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.521618	75.277954				0.20					40.40		Bisalpur
1172	Dhandola	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.647508	75.299350				0.96					182.00		Bisalpur
1186	Falasia	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.618105	75.126537				0.25					49.00		Bisalpur
1188	Fateh Sagar (Srangara	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.538384	75.261030				1.11					213.00		Bisalpur
1470	Gandher	BHILWARA	Jahazpur	Banas	Banas	Minor		25.699144	75.183899				0.43					111.33		Bisalpur
1197	Ganeshpura(d)	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.670037	75.271350				1.25					211.00		Bisalpur
1471	Gatola	BHILWARA	Jahazpur	Banas	Banas	Minor		25.626322	75.282367				0.23					40.49		Bisalpur
1242	Jawan Sagar	BHILWARA	Jahazpur	Banas	Banas	MINOR	old	25.616695	75.250666				0.25					49.00		Bisalpur
1248	Jhalra Tank	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.619418	75.087674				0.76					205.00		Bisalpur
1258	Kakta	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.476879	75.134273				0.34					65.00		Bisalpur
1275	Khatola	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.637614	75.293100				0.55					97.00		Bisalpur
1312	Malola	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.587519	75.226088				0.65					101.00		Bisalpur
1315	Mayla Polia	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.717150	75.352025				0.42					81.00		Bisalpur
1317	Meghpura	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.465495	75.168466				0.35					99.00		Bisalpur
1323	Mool Sagr Titori	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.658788	75.119334				0.17					32.00		Bisalpur
1326	Nagdi	BHILWARA	Jahazpur	Banas	Banas	MINOR	1959	25.569506	75.279560	13.70	1,165.00	5.15	5.09	-	11,500.00	8.25	1,943.00	1,692.00	583.00	Bisalpur
1327	Nahar Sagar (Ulela)	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.506049	75.234475				0.69					112.00		Bisalpur
1358	PanchanPura	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.533797	75.175185				0.38					78.00		Bisalpur
1465	Ratanpura	BHILWARA	Jahazpur	Banas	Banas	Minor		25.444920	75.143446				0.23					43.72		Bisalpur
1410	Sarsiya Charan	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.579443	75.156147				0.76					146.00		Bisalpur
1418	Shiv Sagar Paroli	BHILWARA	Jahazpur	Banas	Banas	MINOR	1996	25.513625	75.118331	8.65	2,882.00	3.27	2.94	-	463.00	11.59	765.00	561.00	421.00	Bisalpur
1437	Taswariya	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.624493	75.069137				0.23					43.00		Bisalpur
1441	Tikar	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.706046	75.390063				0.16					18.00		Bisalpur
1453	Uncha	BHILWARA	Jahazpur	Banas	Banas	MINOR		25.734308	75.354104				0.25					48.00		Bisalpur
1085	Banka Khera	BHILWARA	Kotri	Banas	Banas	MINOR	old	25.312495	74.808885				0.42					69.00		Bisalpur
1123	Birdol	BHILWARA	Kotri	Banas	Banas	MINOR		25.446887	74.943882				0.25					49.00		Bisalpur
1162	Deoria	BHILWARA	Kotri	Banas	Banas	MINOR	80-81	25.380960	74.950306				1.84					423.00		Bisalpur
1176	Dhokliya (Sawant sagar)	BHILWARA	Kotri	Banas	Banas	MINOR		25.386273	74.879356				0.17					35.00		Bisalpur
1187	Fateh Sagar (Kotri)	BHILWARA	Kotri	Banas	Banas	MINOR		25.422719	74.932081				1.55					217.00		Bisalpur
1223	Hathipura	BHILWARA	Kotri	Banas	Banas	MINOR		25.288952	74.909924				0.67					162.00		Bisalpur
1235	Jagpura	BHILWARA	Kotri	Banas	Banas	MINOR		25.391264	74.980903				0.11					30.00		Bisalpur
1245	Jhado	BHILWARA	Kotri	Banas	Banas	MINOR	Old tank	25.411234	74.944048	14.45	1,507.00	10.34	9.29	4,430.00	21,160.00	29.49	2,067.00	1,786.00	1,195.00	Bisalpur
1247	Jhadol S0mll	BHILWARA	Kotri	Banas	Banas	MINOR		25.446023	74.880501				0.77					146.00		Bisalpur
1265	Karamdas	BHILWARA	Kotri	Banas	Banas	MINOR		25.413192	74.850952				0.17					32.00		Bisalpur
1281	Kheri Khurd	BHILWARA	Kotri	Banas	Banas	MINOR		25.499720	74.939451				0.49					79.00		Bisalpur
1330	Narayan Sagar Reeth	BHILWARA	Kotri	Banas	Banas	MINOR		25.414764	74.832469				0.33					53.00		Bisalpur
1334	Naval Sagar	BHILWARA	Kotri	Banas	Banas	MINOR		25.520123	74.980726				0.36					69.00		Bisalpur
1475	Ratansagar Berunda	BHILWARA	Kotri	Banas	Banas	Minor		25.473781	75.075139				1.20					250.00		Bisalpur
1396	Samdri Talab	BHILWARA	Kotri	Banas	Banas	MINOR		25.479577	75.016116				0.53					81.00		Bisalpur
1476	Sankra Anicut	BHILWARA	Kotri	Banas	Banas	Minor		25.452080	74.973128				-					-		Bisalpur
1402	Sankra Bada	BHILWARA	Kotri	Banas	Banas	MINOR		25.463208	74.983852				0.31					60.00		Bisalpur
1408	Sarla Sagar	BHILWARA	Kotri	Banas	Banas	MINOR		25.481258	74.938348				0.62					191.00		Bisalpur
1409	Sarsadi	BHILWARA	Kotri	Banas	Banas	MINOR		25.439614	74.847652				0.18					35.00		Bisalpur
1415	Sher Sagar Girdia	BHILWARA	Kotri	Banas	Banas	MINOR		25.494623	74.926589				0.18					59.00		Bisalpur
1425	Stola Ka Khera	BHILWARA	Kotri	Banas	Banas	MINOR		25.382815	74.858885				0.37					71.00		Bisalpur
1456	Undisankra (Sankrathara)	BHILWARA	Kotri	Banas	Banas	MINOR	Old tank	25.489320	74.959750				1.90					259.00		Bisalpur
1459	Vinod Sagar	BHILWARA	Kotri	Banas	Banas	MINOR		25.282561	74.889012				0.50					28.00		Bisalpur
1055	Anwasa	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.245580	75.123334				2.72					584.00		Bisalpur
1179	Dholpura (Nahargarh)	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.250850	75.187433				0.27					61.00		Bisalpur
1290	Kundia Khal	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.415071	75.110739				1.94					371.00		Bisalpur
1305	Lodi ji Ka Khera	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.321148	75.160084				0.49					106.00		Bisalpur
1401	Sangrampura	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.296159	75.166466				0.39					68.00		Bisalpur
1432	Swaroop Ji Ka Khera	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.278337	75.189209				0.93					201.00		Bisalpur

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1439	Thal	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.350091	75.109636				0.58					110.00		Bisalpur
1076	Bagera	BHILWARA	Sahara	Banas	Banas	MINOR	old	25.154914	74.268578				0.37					52.00		Bisalpur
1100	Bharak	BHILWARA	Sahara	Banas	Banas	MINOR		25.132389	74.267319				0.50					95.00		Bisalpur
1116	Bhunawas	BHILWARA	Sahara	Banas	Banas	MINOR		25.240138	74.368582				0.96					184.00		Bisalpur
1120	Bikrai	BHILWARA	Sahara	Banas	Banas	MINOR		25.130894	74.305332				0.79					154.00		Bisalpur
1124	Bodha Khera	BHILWARA	Sahara	Banas	Banas	MINOR		25.167191	74.369707				0.64					127.00		Bisalpur
1159	Delana Nicahla	BHILWARA	Sahara	Banas	Banas	MINOR		25.235545	74.234887				0.40					55.00		Bisalpur
1160	Delana Pangdhia	BHILWARA	Sahara	Banas	Banas	MINOR		25.222673	74.229238				0.39					58.00		Bisalpur
1181	Dhosar	BHILWARA	Sahara	Banas	Banas	MINOR		25.234663	74.348482				0.71					135.00		Bisalpur
1211	Guda	BHILWARA	Sahara	Banas	Banas	MINOR	State Time	25.162221	74.258832				0.53					102.00		Bisalpur
1226	Himatsagar Shivrati	BHILWARA	Sahara	Banas	Banas	MINOR		25.250961	74.302254				1.02					194.00		Bisalpur
1253	Juna Talab Shivrati	BHILWARA	Sahara	Banas	Banas	MINOR		25.234670	74.319003				0.29					57.00		Bisalpur
1474	Kali Megari Ka Khera	BHILWARA	Sahara	Banas	Banas	Minor		25.239007	74.242294				0.29					62.00		Bisalpur
1274	Khati Khera	BHILWARA	Sahara	Banas	Banas	MINOR		25.220862	74.246882				0.28					53.00		Bisalpur
1293	Lakhamaniyas	BHILWARA	Sahara	Banas	Banas	MINOR		25.188793	74.337155				0.50					76.00		Bisalpur
1294	Lakhola	BHILWARA	Sahara	Banas	Banas	MINOR	Old tank	25.162625	74.287179	4.90	2,731.00	2.69	2.70	-	7,135.00	9.30	-	513.00	308.00	Bisalpur
1309	Mahendragarh	BHILWARA	Sahara	Banas	Banas	MINOR		25.265305	74.364448				0.71					137.00		Bisalpur
1338	Naya Talab (d)	BHILWARA	Sahara	Banas	Banas	MINOR		25.226700	74.325483				1.08					147.00		Bisalpur
1393	Sahada	BHILWARA	Sahara	Banas	Banas	MINOR	old	25.172906	74.252369				1.10					162.00		Bisalpur
1405	Sargaon	BHILWARA	Sahara	Banas	Banas	MINOR		25.091810	74.258190				0.85					162.00		Bisalpur
1423	Soniyana ╝	BHILWARA	Sahara	Banas	Banas	MINOR	old	25.166680	74.356812				0.45					90.00		Bisalpur
1445	Tiloli	BHILWARA	Sahara	Banas	Banas	MINOR		25.101343	74.273306				0.12					15.00		Bisalpur
1110	Bhojpura	BHILWARA	Shahpura	Banas	Banas	MINOR		25.464128	74.862944				0.28					138.00		Bisalpur
1395	Saleria Khurd	BHILWARA	Shahpura	Banas	Banas	MINOR		25.476350	74.907647				0.17					73.00		Bisalpur
1065	Atun	BHILWARA	Suwana	Banas	Banas	MINOR		25.283945	74.625543				0.28					54.00		Bisalpur
1073	Bada Talab Pur	BHILWARA	Suwana	Banas	Banas	MINOR		25.301060	74.540327				1.35					257.00		Bisalpur
1091	Basodia	BHILWARA	Suwana	Banas	Banas	MINOR		25.163181	74.569665				0.03					27.00		Bisalpur
1112	Bholi	BHILWARA	Suwana	Banas	Banas	MINOR		25.279356	74.678297				0.77					148.00		Bisalpur
1126	Borda	BHILWARA	Suwana	Banas	Banas	MINOR	1966-67	25.288234	74.608577				0.24					45.00		Bisalpur
1153	Danthal	BHILWARA	Suwana	Banas	Banas	MINOR		25.294023	74.757710				0.29					47.00		Bisalpur
1195	Ganeshpura (C)	BHILWARA	Suwana	Banas	Banas	MINOR		25.277635	74.444988				0.56					109.00		Bisalpur
1218	Guwardi	BHILWARA	Suwana	Banas	Banas	MINOR		25.258650	74.626200				5.83					1,103.00		Bisalpur
1222	Hathibhata	BHILWARA	Suwana	Banas	Banas	MINOR		25.281431	74.770482				1.10					165.00		Bisalpur
1233	Jagadhari	BHILWARA	Suwana	Banas	Banas	MINOR	-	25.220125	74.490078				0.27					52.00		Bisalpur
1262	Kaniya Kheri	BHILWARA	Suwana	Banas	Banas	MINOR		25.177953	74.554580				3.81					617.00		Bisalpur
1264	Kanpura	BHILWARA	Suwana	Banas	Banas	MINOR		25.204769	74.471842				0.23					43.00		Bisalpur
1268	Karoi	BHILWARA	Suwana	Banas	Banas	MINOR		25.230201	74.413205				0.80					174.00		Bisalpur
1289	Kumaria Khera	BHILWARA	Suwana	Banas	Banas	MINOR	1994	25.288381	74.574481				0.22					38.00		Bisalpur
1308	Madhopur	BHILWARA	Suwana	Banas	Banas	MINOR		25.270450	74.601046				0.37					70.00		Bisalpur
1348	Neogaon	BHILWARA	Suwana	Banas	Banas	MINOR		25.245697	74.531654				1.72					488.00		Bisalpur
1352	Ojagar	BHILWARA	Suwana	Banas	Banas	MINOR		25.258786	74.433405				0.30					45.00		Bisalpur
1353	Ojara	BHILWARA	Suwana	Banas	Banas	MINOR		25.169789	74.606176				0.89					183.00		Bisalpur
1484	Parvati Sagar	BHILWARA	Suwana	Banas	Banas	Minor	2008	25.251334	74.452944	9.45	562.00	0.52	0.46	0.80	2,435.00	2.19	73.68	72.87	65.58	Bisalpur
1374	Pur Ikhatola	BHILWARA	Suwana	Banas	Banas	MINOR		25.262921	74.525610				0.14					21.00		Bisalpur
1375	Pur Kanoda	BHILWARA	Suwana	Banas	Banas	MINOR		25.298962	74.519606				1.03					165.00		Bisalpur
1383	Ranjeetsgar Curla	BHILWARA	Suwana	Banas	Banas	MINOR		25.255350	74.473943				2.36					450.00		Bisalpur
1391	Sabalpura	BHILWARA	Suwana	Banas	Banas	MINOR		25.300346	74.679636				0.40					77.00		Bisalpur
1403	Santburin	BHILWARA	Suwana	Banas	Banas	MINOR		25.151735	74.595729				0.31					52.00		Bisalpur
1477	Sathuria	BHILWARA	Suwana	Banas	Banas	Minor		25.189376	74.433499				0.27					52.00		Bisalpur
1426	Sunderpura	BHILWARA	Suwana	Banas	Banas	MINOR		25.280368	74.611301				0.19					36.00		Bisalpur
1443	Tiloli	BHILWARA	Suwana	Banas	Banas	MINOR		25.281258	74.392499				0.12					16.00		Bisalpur
1597	Ganeshpura (a)	CHITTAURGARH	Gangrar	Banas	Banas	MINOR	old	25.124463	74.533519	4.88	1,666.00	0.85	0.83	21.00	99.00	4.00	226.72	194.00	97.00	Bisalpur
1567	Arni	CHITTAURGARH	Rashmi	Banas	Banas	MINOR	old	25.067700	74.304440	9.22	1,661.00	1.56	1.56	0.16	225.00	4.00	509.00	499.00	178.00	Bisalpur
1602	Jadana	CHITTAURGARH	Rashmi	Banas	Banas	MINOR	old	25.044084	74.406737	3.81	605.00	0.48	0.48	42.00	36.00	1.00	331.58	259.00	55.00	Bisalpur
1613	Karjia	CHITTAURGARH	Rashmi	Banas	Banas	MINOR	old	25.135005	74.407273	5.11	2,122.00	1.22	1.19	104.00	62.00	5.00	138.06	102.00	100.00	Bisalpur
1620	Lasadia (d)	CHITTAURGARH	Rashmi	Banas	Banas	MINOR	old	25.170475	74.403035	4.11	1,961.00	0.26	0.23	20.00	40.00	1.00	63.97	33.00	26.00	Bisalpur
1630	Murni	CHITTAURGARH	Rashmi	Banas	Banas	MINOR		25.089449	74.444122				0.74					133.00		Bisalpur
1631	Muroli	CHITTAURGARH	Rashmi	Banas	Banas	MINOR	old	25.088011	74.403213	6.10	1,861.00	0.27	0.25	53.00	48.00	4.00	70.85	57.00	28.00	Bisalpur
1659	Sethuria	CHITTAURGARH	Rashmi	Banas	Banas	MINOR		25.182348	74.424531				0.27					51.00		Bisalpur
1662	Somi	CHITTAURGARH	Rashmi	Banas	Banas	MINOR	1996-97	25.089756	74.353286	8.75	3,279.00	2.24	1.88	0.15	976.00	9.00	736.00	582.00	269.00	Bisalpur
1667	Unchakia	CHITTAURGARH	Rashmi	Banas	Banas	MINOR	1975-76	25.191236	74.393996	12.85	3,277.00	5.27	5.04	0.25	90.00	12.00	839.00	813.00	576.00	Bisalpur
3079	Kalanada	TONK	Deoli	Banas	Banas	MINOR	old	25.802104	75.400722	3.28	1,568.00	0.36	0.40	0.11	1,148.00	0.91	123.48	74.10	49.39	Bisalpur
3083	Kasir	TONK	Deoli	Banas	Banas	MINOR	1986	25.819399	75.378683	3.09	2,221.00	0.42	0.42	0.14	1,700.00	0.30		149.00		Bisalpur
3112	Nasirda	TONK	Deoli	Banas	Banas	MINOR	old	25.941667	75.363889	4.50	2.70	1.61	1.61	5.67	79.00		405.00	352.10	226.72	Bisalpur
3169	Thanwala	TONK	Deoli	Banas	Banas	MINOR	1950	25.914089	75.329065	5.10	1.92	3.40	3.00	10.02	120.00	10.20	1,215.00	777.00	485.83	Bisalpur
	Project Catchment Total											**41.19**	**113.32**				**9,674.10**	**22,787.79**	**4,830.29**	
2734	Agria	RAJSAMAND	Amet	Banas	Banas	MINOR		25.257882	73.921856				0.58					71.00		Chandra Bhaga

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2744	Bhadla	RAJSAMAND	Amet	Banas	Banas	MINOR		25.271095	73.991040				0.59					73.00		Chandra Bhaga
2769	Gugli ki Phoot	RAJSAMAND	Amet	Banas	Banas	MINOR		25.226053	73.903141				0.46					101.00		Chandra Bhaga
2795	Liki new	RAJSAMAND	Amet	Banas	Banas	MINOR		25.318274	73.964871				0.40					110.00		Chandra Bhaga
2796	Liki Old	RAJSAMAND	Amet	Banas	Banas	MINOR		25.316104	73.957139				0.73					104.39		Chandra Bhaga
2797	Manohar Sagar	RAJSAMAND	Amet	Banas	Banas	MINOR		25.241500	73.978984				5.82					1,495.00		Chandra Bhaga
2809	Panotia	RAJSAMAND	Amet	Banas	Banas	MINOR		25.201783	73.951075				0.48					67.00		Chandra Bhaga
2817	Salam Sagar	RAJSAMAND	Amet	Banas	Banas	MINOR		25.283730	73.925117				0.38					69.00		Chandra Bhaga
2773	Jawalia	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.333914	73.813320				0.15					28.00		Chandra Bhaga
	Project Catchment Total											-	**9.59**				-	**2,118.39**	-	
3177	Haripura	TONK	Deoli	Banas	Banas	Minor	old	25.914826	75.797949	5.03	892.00	0.85	0.85	0.17	4,800.00	3.80	121.45	97.13	5.66	Galwa Dam
3132	Ram Sagar Lamba	TONK	Deoli	Banas	Banas	MINOR	old	25.889826	75.794878	6.45		2.86	2.86	6.52	156.00		1,259.00	714.70	429.15	Galwa Dam
3178	Balapura	TONK	Uniara	Banas	Banas	Minor	old	25.886062	75.862570	3.66	3,442.00	0.45	0.45	0.12	2,230.00	2.40	129.55	105.20	64.77	Galwa Dam
	Project Catchment Total											**4.16**	**4.16**				**1,510.00**	**917.03**	**499.58**	
1119	Bikaran	BHILWARA	Mandalgarh	Banas	Banas	MINOR		25.173275	75.254557				0.41					68.00		Jetpura
	Project Catchment Total											-	**0.41**				-	**68.00**	-	
1061	Armia Jagir	BHILWARA	Sahara	Banas	Banas	MINOR		25.175592	74.186073				0.36					69.00		Matrikundia
1113	Bholi Khera	BHILWARA	Sahara	Banas	Banas	MINOR		25.220757	74.189906				0.74					140.00		Matrikundia
1114	Bhopal Sagar Girdia	BHILWARA	Sahara	Banas	Banas	MINOR		25.200000	74.116667				1.67					293.00		Matrikundia
1143	Chor Baori	BHILWARA	Sahara	Banas	Banas	MINOR		25.063061	74.189910				0.59					136.00		Matrikundia
1189	Fateh Sagar Salera	BHILWARA	Sahara	Banas	Banas	MINOR	Old tank	25.204810	74.133777	5.49	1,554.00	1.39	1.39	-	4,635.00	4.50	-	321.00	159.00	Matrikundia
1193	Galwa	BHILWARA	Sahara	Banas	Banas	MINOR		25.172546	74.145482				0.62					84.00		Matrikundia
1292	Kushal Sagar Kagni	BHILWARA	Sahara	Banas	Banas	MINOR		25.197088	74.147932				0.51					74.00		Matrikundia
1313	Man Sagar Kagni	BHILWARA	Sahara	Banas	Banas	MINOR		25.198635	74.177860				1.02					113.00		Matrikundia
1373	Potlan	BHILWARA	Sahara	Banas	Banas	MINOR	Old tank	25.126781	74.220762	5.79	1,521.00	1.36	1.33	-	6,106.00	6.15	-	301.00	152.00	Matrikundia
1380	Raithlias	BHILWARA	Sahara	Banas	Banas	MINOR	1970	25.073029	74.197284	8.84	3,419.00	8.21	7.27	-	41,900.00	12.30	1,624.00	1,550.00	930.00	Matrikundia
1421	Sirohi Khera	BHILWARA	Sahara	Banas	Banas	MINOR		25.184946	74.161576				0.28					54.00		Matrikundia
1435	Taperia Kheri	BHILWARA	Sahara	Banas	Banas	MINOR		25.132314	74.152059				0.28					54.00		Matrikundia
2768	Govila pick up weir	RAJSAMAND	Amet	Banas	Banas	MINOR		25.206148	74.064544				0.47					67.21		Matrikundia
2746	Bhensa Kamed	RAJSAMAND	Khamnor	Banas	Banas	MINOR		25.003199	73.684600				1.15					283.00		Matrikundia
2754	Chikalwas	RAJSAMAND	Khamnor	Banas	Banas	MINOR		25.027416	73.724574				10.96					1,965.00		Matrikundia
2764	Gaon Guda	RAJSAMAND	Khamnor	Banas	Banas	MINOR		25.011936	73.643356				0.56					69.00		Matrikundia
2788	Kunthwa pick up weir	RAJSAMAND	Khamnor	Banas	Banas	MINOR		24.987772	73.761980				0.16					102.00		Matrikundia
2767	Govil	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.102655	73.724703				0.28					51.00		Matrikundia
2782	Kelwara	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.120975	73.593673				0.59					168.00		Matrikundia
2827	Taladri	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.111555	73.657709				0.57					101.00		Matrikundia
2836	Thoria	RAJSAMAND	Kumbhalgarh	Banas	Banas	Minor		25.131143	73.725005				0.22					63.00		Matrikundia
2745	Bharai	RAJSAMAND	Railmagra	Banas	Banas	MINOR		24.994842	74.070453				5.58					1,093.00		Matrikundia
2755	Chokri	RAJSAMAND	Railmagra	Banas	Banas	MINOR		25.044125	74.032069				0.62					121.00		Matrikundia
2775	Junda	RAJSAMAND	Railmagra	Banas	Banas	MINOR		25.100282	74.148258				0.28					80.00		Matrikundia
2784	Khandel	RAJSAMAND	Railmagra	Banas	Banas	MINOR		25.117056	74.094933				1.70					324.00		Matrikundia
2793	Lalpura	RAJSAMAND	Railmagra	Banas	Banas	MINOR		25.079266	74.019365				0.38					54.34		Matrikundia
2750	Binol	RAJSAMAND	Rajsamand	Banas	Banas	MINOR		25.140052	73.953419				0.44					58.00		Matrikundia
2759	Deori Kheda	RAJSAMAND	Rajsamand	Banas	Banas	MINOR		25.131211	73.959023				2.77					396.11		Matrikundia
2789	Kunwaria	RAJSAMAND	Rajsamand	Banas	Banas	MINOR	old	25.122519	74.014554				0.56					80.08		Matrikundia
2813	Ranjeet Sagar	RAJSAMAND	Rajsamand	Banas	Banas	MINOR		25.039268	73.900849				0.76					217.00		Matrikundia
2820	Sanghat	RAJSAMAND	Rajsamand	Banas	Banas	MINOR		25.080175	73.742266				1.11					249.00		Matrikundia
2826	Swaroop Sagar	RAJSAMAND	Rajsamand	Banas	Banas	MINOR		25.069952	73.848034				1.10					101.00		Matrikundia
3204	Bhutala	UDAIPUR	Bargaon	Banas	Banas	MINOR		24.800299	73.593221				0.28					53.00		Matrikundia
3269	Losing	UDAIPUR	Bargaon	Banas	Banas	MINOR		24.797549	73.628799				0.65					127.00		Matrikundia
	Project Catchment Total											**10.96**	**47.25**				**1,624.00**	**9,011.74**	**1,241.00**	
3116	Nayagaon	TONK	Deoli	Banas	Banas	MINOR	2003	25.832081	75.604967	2.00	905.00	1.13	1.13	0.57	3,494.00	3.40	340.00	285.00	200.00	Moti Sagar
	Project Catchment Total											**1.13**	**1.13**				**340.00**	**285.00**	**200.00**	
2737	Bada Bhanuja	RAJSAMAND	Khamnor	Banas	Banas	MINOR		24.920686	73.634681				0.50					101.00		Nandsamand
2777	Kadmal	RAJSAMAND	Khamnor	Banas	Banas	MINOR		24.879167	73.666667				0.45					104.00		Nandsamand
2816	Sagroon	RAJSAMAND	Khamnor	Banas	Banas	MINOR		24.885044	73.660783				0.85					173.00		Nandsamand
2818	Saloda	RAJSAMAND	Khamnor	Banas	Banas	MINOR		24.909593	73.672343				1.69					255.00		Nandsamand
2741	Banokda	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		24.927078	73.551546				0.39					60.00		Nandsamand
3185	Amarchandia	UDAIPUR	Bargaon	Banas	Banas	MINOR		24.851027	73.594170				0.82					120.00		Nandsamand
3250	Kathar	UDAIPUR	Bargaon	Banas	Banas	MINOR		24.879167	73.579167				0.77					99.00		Nandsamand
3192	Barwara Anicut	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.902778	73.555556				0.28					48.00		Nandsamand
3193	Bateri	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.985371	73.431446				0.34					32.00		Nandsamand
3208	Chalwa	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.805012	73.476809				0.28					36.00		Nandsamand
3231	Gunawal	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.991295	73.507510				0.34					81.00		Nandsamand
3285	Nandesma	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.812631	73.455477				0.59					136.00		Nandsamand
3287	Obra	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.785825	73.516922				0.42					86.00		Nandsamand
3295	Rane Rao	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.747061	73.522724				0.26					38.00		Nandsamand
3297	Rao Madara	UDAIPUR	Gogunda	Banas	Banas	MINOR		24.801708	73.434621				0.31					65.00		Nandsamand

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	Project Catchment Total											-	**8.29**				-	**1,434.00**	-	
2833	Bamniya pick up weir	RAJSAMAND	Kumbhalgarh	Banas	Banas	Minor		25.284798	73.736520				0.09					1,013.00		Rajsamand
2761	Dhanin Sakrawala	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.254195	73.798142				0.39					66.00		Rajsamand
2772	Jawahar Sagar	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR	State time	25.235790	73.681968				0.57					92.00		Rajsamand
2801	Mewaria	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.233336	73.696958				1.14					194.00		Rajsamand
2814	Rinched	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.207788	73.736842				0.90					109.00		Rajsamand
2822	Sathia	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.291759	73.750467				0.25					32.00		Rajsamand
2830	Umerwas	RAJSAMAND	Kumbhalgarh	Banas	Banas	MINOR		25.337313	73.715968				0.75					76.00		Rajsamand
2837	Vanka	RAJSAMAND	Kumbhalgarh	Banas	Banas	Minor		25.272813	73.782909				0.31					48.00		Rajsamand
2825	Sukhai	RAJSAMAND	Rajsamand	Banas	Banas	MINOR		25.086518	73.826412				0.61					147.00		Rajsamand
	Project Catchment Total											-	**5.01**				-	**1,777.00**	-	
2847	Bhulanwala	SAWAI MADHOPUR	Sawai Madhopur	Banas	Banas	MINOR	2006	25.959722	76.250833	5.50	2,730.00	0.59	0.59	NA	105.50	2.10	150.00	145.00	134.00	Surawal
2866	Mui	SAWAI MADHOPUR	Sawai Madhopur	Banas	Banas	MINOR	1952	25.958435	76.272256	6.40	914.00	1.18	1.18	NA	1,865.50	10.50	940.00	1,788.00	414.00	Surawal
3026	Barana	TONK	Uniara	Banas	Banas	MINOR	old	26.005008	76.202772	3.28	1,554.00	0.45	0.45	0.14	1,118.00	Small W.Course	141.70	89.00	64.77	Surawal
3025	Begum Sagar	TONK	Uniara	Banas	Banas	MINOR	old	25.950000	76.208333	3.95	1,675.00	0.85	0.85	0.22	1,640.00	Small W.Course	222.67	172.00	121.45	Surawal
3036	Bishanpura-II	TONK	Uniara	Banas	Banas	MINOR	old	25.973078	76.235487	4.26	1,461.00	0.42	0.34	0.08	1,658.00	Small W.Course	125.50	48.50	48.58	Surawal
3043	Choru Sagar	TONK	Uniara	Banas	Banas	MINOR	old	25.967830	76.167083	3.66	2,223.00	0.85	1.42	0.39	2,223.00	Small W.Course	323.88	283.30	202.43	Surawal
3057	Dudi Sagar	TONK	Uniara	Banas	Banas	MINOR	old	25.976563	76.162805	4.50	2.58	1.47	1.47	5.77	62.00		364.00	303.50	62.75	Surawal
3073	Hedripura	TONK	Uniara	Banas	Banas	MINOR	old	26.014042	76.226420	3.28	1,737.00	0.48	0.49	0.15	1,118.00	Small W.Course	141.70	101.20	68.82	Surawal
3082	Kandel Sagar	TONK	Uniara	Banas	Banas	MINOR	old	25.965295	76.204316	3.96	3,242.00	1.44	1.44	0.36	2,333.00	Small W.Course	263.15	232.70	165.18	Surawal
3095	Lassaria	TONK	Uniara	Banas	Banas	MINOR	old	25.973290	76.200648	3.96	1,870.00	0.42	0.43	0.11	1,640.00	Small W.Course	121.45	80.90	60.72	Surawal
	Project Catchment Total											**8.15**	**8.66**				**2,794.05**	**3,244.10**	**1,342.70**	
1306	Lulas	BHILWARA	Shahpura	Banas	Banas	MINOR		25.487585	74.846253				1.47					263.00		Ummed SagarB
	Project Catchment Total											-	**1.47**				-	**263.00**	-	
	Sub Basin Total											**65.59**	**199.29**				**15,942.15**	**41,906.05**	**8,113.57**	
3197	Bhatewar	UDAIPUR	Bhindar	Banas	Berach	MINOR		24.611089	74.014481				1.64					106.00		Badgaon
3322	Unthyala (kamoya)	UDAIPUR	Bhindar	Banas	Berach	MINOR		24.674058	73.995137				1.02					171.00		Badgaon
3222	Gangela (Palana)	UDAIPUR	Mavli	Banas	Berach	MINOR		24.817882	73.864431				0.57					175.00		Badgaon
3291	Patolia	UDAIPUR	Mavli	Banas	Berach	MINOR		24.785568	73.996270				1.35					287.00		Badgaon
2778	Kagmadarda	RAJSAMAND	Khamnor	Banas	Berach	MINOR		24.830498	73.730124				0.75					101.00		Bagoliya
	Project Catchment Total											-	**5.33**				-	**840.00**	-	
1593	Dehikhera	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR		24.917452	74.806106				0.71					135.00		Bassi
1654	Sadi Tank	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR		24.893549	74.752468				1.70					312.00		Bassi
1656	Sankal Khera	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR	2009-10	24.844692	74.784056	14.76	55.00	3.17	3.08	6.10	315.00	NA	628.90	526.00	480.00	Bassi
1678	Shadi	CHITTAURGARH	Chittaurgarh	Banas	Berach	Minor	1961-62	24.898521	74.750697	6.67	1,770.00	2.15	1.97		220.76	7.86	330.00	202.00	202.00	Bassi
1576	Bandoli	CHITTAURGARH	Nimbahera	Banas	Berach	MINOR		24.740550	74.841661				0.10					20.00		Bassi
	Project Catchment Total											**5.32**	**7.56**				**958.90**	**1,195.00**	**682.00**	
1579	Bari	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR		24.889573	74.175007				0.23					40.00		Bhopalsagar
1600	Gulabpura	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR	old	24.917338	74.178750	6.80	2,061.00	1.14	1.04	76.00	140.00	4.20	384.21	298.00	124.00	Bhopalsagar
1605	Jasrol	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR		24.893476	74.201715				0.82					159.00		Bhopalsagar
1626	Mikol	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR		24.848098	74.136473				0.91					173.00		Bhopalsagar
1680	Usrol	CHITTAURGARH	Bhopalsagar	Banas	Berach	Minor	old	24.884581	74.206246	5.18	1,624.00	0.82	0.82	65.00	56.00	2.55	172.87	156.00	118.00	Bhopalsagar
2752	Chapri	RAJSAMAND	Railmagra	Banas	Berach	MINOR		24.914691	74.141547				0.34					69.00		Bhopalsagar
2753	Charna	RAJSAMAND	Railmagra	Banas	Berach	MINOR		24.907726	74.085825				0.59					121.00		Bhopalsagar
2783	Ketral Lalies	RAJSAMAND	Railmagra	Banas	Berach	MINOR		24.931393	74.152897				0.06					20.00		Bhopalsagar
2799	Menduria	RAJSAMAND	Railmagra	Banas	Berach	MINOR		24.918710	74.099968				0.62					88.66		Bhopalsagar
3209	Changeri	UDAIPUR	Mavli	Banas	Berach	MINOR		24.838048	74.101930				0.62					81.00		Bhopalsagar
	Project Catchment Total											**1.96**	**6.05**				**557.09**	**1,205.66**	**242.00**	
1045	Akhey Sagar Badnora	BHILWARA	Kotri	Banas	Berach	MINOR		25.200190	74.845733				0.74					149.00		Bisalpur
1047	Ama Tank	BHILWARA	Kotri	Banas	Berach	MINOR		25.198068	74.789160				0.14					28.00		Bisalpur
1131	Chandangarh	BHILWARA	Kotri	Banas	Berach	MINOR		25.229658	74.881823				0.28					54.00		Bisalpur
1145	Choudhariyas	BHILWARA	Kotri	Banas	Berach	MINOR		25.209100	74.828537				0.81					168.00		Bisalpur
1384	Ranwas	BHILWARA	Kotri	Banas	Berach	MINOR		25.217174	74.808666				0.23					72.00		Bisalpur
1430	Sutepa	BHILWARA	Kotri	Banas	Berach	MINOR		25.186218	74.833992				0.96					182.00		Bisalpur
1089	Barundani	BHILWARA	Mandalgarh	Banas	Berach	MINOR		25.162844	74.937043				1.03					197.00		Bisalpur
1148	Damti Kokra	BHILWARA	Mandalgarh	Banas	Berach	MINOR		25.154764	75.138161				4.30					923.00		Bisalpur
1150	Danhltokni	BHILWARA	Mandalgarh	Banas	Berach	MINOR		25.161410	75.131852				4.26					793.00		Bisalpur
1167	Deria	BHILWARA	Mandalgarh	Banas	Berach	MINOR		25.183333	74.950000				3.65					696.00		Bisalpur
1199	Genoli	BHILWARA	Mandalgarh	Banas	Berach	MINOR		25.207108	75.129237				0.63					140.00		Bisalpur
1210	Govta	BHILWARA	Mandalgarh	Banas	Berach	MINOR		25.169624	75.052311				10.00					1,620.00		Bisalpur

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1238	Jaleshwar	BHILWARA	Mandalgarh	Banas	Berach	MINOR		25.204183	75.098843				0.59					112.00		Bisalpur
1478	Shyam sagar	BHILWARA	Mandalgarh	Banas	Berach	Minor		25.163138	74.989781				0.25					67.00		Bisalpur
1177	Dhola Danta	BHILWARA	Suwana	Banas	Berach	MINOR		25.183496	74.732762				0.86					169.00		Bisalpur
1390	Rupalia	BHILWARA	Suwana	Banas	Berach	MINOR	old	25.184930	74.740343				0.83					152.00		Bisalpur
1591	Bujra	CHITTAURGARH	Begun	Banas	Berach	MINOR	2003-04	25.091510	74.924657	9.20	1,160.00	1.11	1.01	0.05	138.00	2.58	231.00	212.00	190.00	Bisalpur
1606	Jognia Mata	CHITTAURGARH	Begun	Banas	Berach	MINOR	1977-78	25.078880	75.102445				0.24					47.00		Bisalpur
1618	Kisumde	CHITTAURGARH	Begun	Banas	Berach	MINOR		25.060097	75.030126				0.33					65.00		Bisalpur
1672	Modia Mahadev	CHITTAURGARH	Begun	Banas	Berach	Minor	1979-80	25.080038	75.022971	10.86	430.00	3.11	2.92		593.40	13.20	723.00	334.41	334.00	Bisalpur
1611	Kannoj Tank	CHITTAURGARH	Bhadesar	Banas	Berach	MINOR	State Time	24.751233	74.534326				0.36					65.00		Bisalpur
1568	Amtalia	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR		24.957431	74.612148				0.51					82.00		Bisalpur
1575	Banakiya Tank	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR	1961-62	24.904579	74.495685	12.92	2,190.00	9.44	9.26		848.20	16.77	1,790.00	1,692.00	1,325.00	Bisalpur
1580	Barkhera Tank	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR	State Time	24.887788	74.728577	10.75	0.84	1.60	1.60	-	135.94	5.10	303.00	280.00	182.19	Bisalpur
1587	Bharkia	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR	State Time	24.962856	74.690069				0.42					106.00		Bisalpur
1595	Dhana Khera	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR	1964-65	24.838137	74.490452				0.54					123.00		Bisalpur
1614	Kashmore	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR	State Time	24.906570	74.549758				0.70					59.00		Bisalpur
1637	Palka Tank	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR	State Time	24.800000	74.666667				0.24					68.00		Bisalpur
1650	Rud Khera	CHITTAURGARH	Chittaurgarh	Banas	Berach	MINOR		25.030990	74.720003				0.20					20.00		Bisalpur
1578	Banndani	CHITTAURGARH	Gangrar	Banas	Berach	MINOR		25.153411	74.743199				0.83					328.00		Bisalpur
1581	Baroda	CHITTAURGARH	Gangrar	Banas	Berach	MINOR		24.970953	74.556271				4.66					372.00		Bisalpur
1584	Bhagat Sagar	CHITTAURGARH	Gangrar	Banas	Berach	MINOR	old	25.039774	74.614904				0.28					65.00		Bisalpur
1585	Bhajal sagar	CHITTAURGARH	Gangrar	Banas	Berach	MINOR		25.055802	74.600165				0.28					285.00		Bisalpur
1589	Borana	CHITTAURGARH	Gangrar	Banas	Berach	MINOR		24.997923	74.564370				1.11					170.00		Bisalpur
1590	Borda	CHITTAURGARH	Gangrar	Banas	Berach	MINOR	1966-67	24.968522	74.529469	11.70	1,905.00	5.05	4.16	301.00	573.00	12.00	1,520.00	1,412.00	583.00	Bisalpur
1671	Kanwalia	CHITTAURGARH	Gangrar	Banas	Berach	Minor		25.094853	74.717371				0.99					141.57		Bisalpur
1617	Kholova	CHITTAURGARH	Gangrar	Banas	Berach	MINOR		24.991572	74.537223				0.17					27.00		Bisalpur
1636	Noliyas	CHITTAURGARH	Gangrar	Banas	Berach	MINOR		25.182950	74.718975				0.31					60.00		Bisalpur
1675	Odwadia	CHITTAURGARH	Gangrar	Banas	Berach	Minor	2002-03	25.152904	74.743553	7.98	1,387.00	1.04	1.00	104.41	519.00	2.91		215.00	136.00	Bisalpur
1653	Ruplia	CHITTAURGARH	Gangrar	Banas	Berach	MINOR		25.165332	74.729681				0.83					252.00		Bisalpur
1655	Salera	CHITTAURGARH	Gangrar	Banas	Berach	MINOR	old	24.979225	74.629663	9.55	1,355.00	4.25	4.16	0.08	279.00	6.00	633.00	588.00	379.00	Bisalpur
1663	Soniyana (a)	CHITTAURGARH	Gangrar	Banas	Berach	MINOR	old	25.140569	74.668425	11.70	2,213.00	6.80	6.23	0.29	725.00	14.00	2,656.00	1,094.00	447.00	Bisalpur
1571	Bada Banakiya	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	old	24.972226	74.483781	5.03	1,624.00	0.64	0.64	34.00	54.00	1.35	204.05	161.00	73.00	Bisalpur
1572	Badariya Khera	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.926106	74.342589				0.10					20.00		Bisalpur
1607	Kacholia	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	old	24.890754	74.374157	5.00	876.00	1.28	1.02	84.00	71.00	4.00	148.18	133.00	92.00	Bisalpur
1610	Kankaria	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	1960-61	24.903640	74.410096	9.80	1,991.00	1.59	1.50	0.01	91.00	6.50	440.00	413.00	195.00	Bisalpur
1634	Nimbahera(ii)	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.916446	74.373810				0.13					53.00		Bisalpur
1638	Pandali	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.929489	74.429293				0.08					20.00		Bisalpur
1642	Pindoli	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.882381	74.393415				4.10					675.00		Bisalpur
1645	Randiyain Sandiyan	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	2003-04	24.971809	74.382552	6.80	1,065.00	0.50	0.44	219.00	91.58	1.05		104.00	63.00	Bisalpur
1658	Saropa	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	old	24.974858	74.437758	7.50	1,137.00	3.40	3.14	0.13	161.00	7.50	626.00	606.00	314.00	Bisalpur
1679	Singpur	CHITTAURGARH	Kapasan	Banas	Berach	Minor	2009-10	24.931908	74.457178	3.95	5,490.00	0.97	0.88	0.02	688.18	3.42	250.00	200.00	193.00	Bisalpur
1664	Sowe	CHITTAURGARH	Nimbahera	Banas	Berach	MINOR		24.723187	74.565166				0.28					53.00		Bisalpur
1570	Bada Bamania	CHITTAURGARH	Rashmi	Banas	Berach	MINOR		24.991675	74.427068				0.89					135.00		Bisalpur
1577	Banina	CHITTAURGARH	Rashmi	Banas	Berach	MINOR	old	25.017203	74.467567	4.48	1,713.00	1.73	1.64	125.00	135.00	4.20	259.92	251.00	171.00	Bisalpur
1588	Bhimgarh	CHITTAURGARH	Rashmi	Banas	Berach	MINOR		25.017850	74.426835				0.04					20.00		Bisalpur
1668	Wokril Sagar	CHITTAURGARH	Rashmi	Banas	Berach	MINOR		24.980557	74.360149				0.28					53.00		Bisalpur
	Project Catchment Total											**42.50**	**88.06**				**9,784.15**	**16,581.98**	**4,677.19**	
1669	Barkheri	CHITTAURGARH	Nimbahera	Banas	Berach	Minor		24.644308	74.743047				1.47					182.19		Gambhiri
1646	Rani Khera	CHITTAURGARH	Nimbahera	Banas	Berach	MINOR		24.597906	74.676756				0.66					125.00		Gambhiri
1666	Uncha	CHITTAURGARH	Nimbahera	Banas	Berach	MINOR	State Time	24.577188	74.627038	7.92	1,768.00	2.61	2.50		255.00	5.00	820.00	723.00	243.00	Gambhiri
2702	Asinda	PRATAPGARH	Chhoti Sadri	Banas	Berach	MINOR		24.465346	74.742329				1.40					303.00		Gambhiri
2703	Badi Mansarowar	PRATAPGARH	Chhoti Sadri	Banas	Berach	MINOR	1999-2000	24.486906	74.661472	14.75	304.00	9.48	8.42		661.00	12.80	1,850.00	1,503.00	1,325.00	Gambhiri
2706	Basera Lower	PRATAPGARH	Chhoti Sadri	Banas	Berach	MINOR	1976-77	24.469534	74.667181				1.56					340.00		Gambhiri
2717	Kesunda	PRATAPGARH	Chhoti Sadri	Banas	Berach	MINOR	State Time	24.446690	74.730422	7.40	0.12	0.96	0.90	-	65.09	1.50	162.00	146.00	101.21	Gambhiri
	Project Catchment Total											**13.05**	**16.91**				**2,832.00**	**3,322.19**	**1,669.21**	
1573	Badhasar	CHITTAURGARH	Bhadesar	Banas	Berach	MINOR		24.604003	74.469155				1.27					20.00		Gosunda Irrigation Proj.
1598	Gangaria	CHITTAURGARH	Bhadesar	Banas	Berach	MINOR	State Time	24.693426	74.486237	7.82	0.24	1.99	1.91	-	33.00	6.60	253.00	233.00	116.19	Gosunda Irrigation Proj.
1685	Hamja Kheri	CHITTAURGARH	Bhadesar	Banas	Berach	Minor		24.752466	74.476464	20.35	1,085.00	5.49	4.63		426.00	5.16	802.00	643.00	643.00	Gosunda Irrigation Proj.
1619	Kunny	CHITTAURGARH	Bhadesar	Banas	Berach	MINOR		24.754795	74.487282				0.33					68.00		Gosunda Irrigation Proj.
1621	Luharia	CHITTAURGARH	Bhadesar	Banas	Berach	MINOR	1983-84	24.704738	74.334338	10.20	2,835.00	2.92	2.83		299.05	5.76	760.00	647.00	405.00	Gosunda Irrigation Proj.
1648	Revlia	CHITTAURGARH	Bhadesar	Banas	Berach	MINOR	old	24.831429	74.429054	5.39	1,146.00	1.19	1.19	81.00	55.00	2.05	248.99	235.00	136.00	Gosunda Irrigation Proj.
1651	Rudan	CHITTAURGARH	Bhadesar	Banas	Berach	MINOR		24.726124	74.440895				1.24					263.00		Gosunda Irrigation Proj.
1603	Jashma I	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR	old	24.953379	74.234299	5.03	1,512.00	1.19	1.20	90.00	28.00	4.20	236.03	210.00	136.00	Gosunda Irrigation Proj.
1604	Jashma II	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR	old	24.939417	74.216681	5.24	1,991.00	0.77	0.76	52.00	79.00	1.95	193.93	174.00	81.00	Gosunda Irrigation Proj.
1633	Nilod	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR	old	24.760619	74.129477	6.10	1,130.00	0.91	0.90	76.00	84.00	2.65	234.01	207.00	144.00	Gosunda Irrigation Proj.
1639	Pari	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR	old	24.809660	74.169874	5.11	1,332.00	0.23	0.21	3.00	34.00	2.00	101.21	40.00	24.00	Gosunda Irrigation Proj.
1641	Patodia	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR	old	24.798928	74.160395	8.68	1,176.00	1.50	1.50	0.07	45.00	3.15	376.00	351.00	172.00	Gosunda Irrigation Proj.
1644	Raipuria	CHITTAURGARH	Bhopalsagar	Banas	Berach	MINOR	old	24.739849	74.215684	5.72	2,234.00	0.67	0.61	5.00	170.00	2.00	165.99	138.00	90.00	Gosunda Irrigation Proj.

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1677	Ruparel	CHITTAURGARH	Chittaurgarh	Banas	Berach	Minor	2004-05	24.826419	74.523932	19.50	1,030.00	9.71	8.75	213.00	654.00	14.37	1,640.00	1,437.00	1,222.00	Gosunda Irrigation Proj.
1599	Ghora Khera	CHITTAURGARH	Dungla	Banas	Berach	MINOR	State Time	24.651290	74.363220				0.67					96.00		Gosunda Irrigation Proj.
1601	Idara Tank	CHITTAURGARH	Dungla	Banas	Berach	MINOR	State Time	24.580356	74.271004	4.77	1.31	1.17	0.72	-	183.00	2.20	172.00	158.00	94.74	Gosunda Irrigation Proj.
1622	Magawali Tank	CHITTAURGARH	Dungla	Banas	Berach	MINOR		24.640547	74.286492				1.11					215.00		Gosunda Irrigation Proj.
1623	Mangalwad	CHITTAURGARH	Dungla	Banas	Berach	MINOR	State Time	24.581528	74.293776				1.50					230.00		Gosunda Irrigation Proj.
1674	Nagawali	CHITTAURGARH	Dungla	Banas	Berach	Minor	State Time	24.642555	74.286520	6.05	1.52	1.22	1.11	-	190.00	1.53	237.00	129.55	129.55	Gosunda Irrigation Proj.
1676	Ramakhera	CHITTAURGARH	Dungla	Banas	Berach	Minor	State Time	24.640661	74.354076	10.64	1.31	0.75	0.68	-	45.60	2.49	165.00	76.11	76.11	Gosunda Irrigation Proj.
1657	Sanwariya Sarowar	CHITTAURGARH	Dungla	Banas	Berach	MINOR	1996-97	24.585865	74.414739	20.15	2,360.00	5.41	5.20		512.00	5.88	1,511.00	1,307.00	741.00	Gosunda Irrigation Proj.
1569	Arnia	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	1966-67	24.846807	74.344245	8.70	1,176.00	2.04	1.98	0.15	302.00	7.60	479.00	442.00	284.00	Gosunda Irrigation Proj.
1574	Bamaniya	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.932352	74.295170				1.20					20.00		Gosunda Irrigation Proj.
1594	Dhamana	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	old	24.962132	74.285892	7.53	1,340.00	1.59	1.53	74.00	154.00	6.35	387.00	373.00	136.00	Gosunda Irrigation Proj.
1609	Kalyanpura	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	old	24.859177	74.248274	5.52	1,322.00	0.32	0.31	29.00	31.00	1.00	72.87	69.00	36.00	Gosunda Irrigation Proj.
1612	Kapasan	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	old	24.895345	74.308284	5.80	1,710.00	7.09	5.94	548.00	205.00	6.60	1,255.00	1,012.00	680.00	Gosunda Irrigation Proj.
1625	Mevda	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	1979-80	24.893509	74.258202	8.38	2,479.00	2.18	2.01	0.17	381.00	6.60	553.00	323.00	201.00	Gosunda Irrigation Proj.
1627	Modda	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.885931	74.276554				1.73					335.00		Gosunda Irrigation Proj.
1628	Mungana	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	old	24.873341	74.267326	5.79	1,130.00	0.78	0.78	56.00	97.00	3.00	227.13	175.00	89.00	Gosunda Irrigation Proj.
1635	Ningarya	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.781677	74.377445				0.03					20.00		Gosunda Irrigation Proj.
1649	Rewaliyan	CHITTAURGARH	Kapasan	Banas	Berach	MINOR		24.820433	74.389306				1.19					227.00		Gosunda Irrigation Proj.
1652	Rudari	CHITTAURGARH	Kapasan	Banas	Berach	MINOR	1959-60	24.822470	74.357054	4.80	1,512.00	1.52	1.39	88.00	94.00	2.88	403.64	184.00	159.00	Gosunda Irrigation Proj.
1681	Wagli	CHITTAURGARH	Kapasan	Banas	Berach	Minor	2008-09	24.714750	74.296855	9.75	1,710.00	1.93	1.98		23.26	6.57	433.00	388.00	271.00	Gosunda Irrigation Proj.
2763	Dhilli	RAJSAMAND	Railmagra	Banas	Berach	MINOR		24.913204	74.023963				0.82					110.00		Gosunda Irrigation Proj.
3198	Bhatt	UDAIPUR	Bhindar	Banas	Berach	MINOR		24.602442	74.208197				3.51					522.00		Gosunda Irrigation Proj.
3236	Hinta	UDAIPUR	Bhindar	Banas	Berach	MINOR		24.566080	74.179619				0.45					69.00		Gosunda Irrigation Proj.
3278	Mangli	UDAIPUR	Bhindar	Banas	Berach	MINOR		24.625551	74.244134				0.43					135.00		Gosunda Irrigation Proj.
3205	Bika Kheda	UDAIPUR	Mavli	Banas	Berach	MINOR		24.765873	74.072857				0.28					55.00		Gosunda Irrigation Proj.
3219	Dundiya	UDAIPUR	Mavli	Banas	Berach	MINOR		24.657235	74.185888				1.93					396.00		Gosunda Irrigation Proj.
3256	Khartana	UDAIPUR	Mavli	Banas	Berach	MINOR		24.862428	74.052237				4.05					805.00		Gosunda Irrigation Proj.
3296	Rani Kheda	UDAIPUR	Mavli	Banas	Berach	MINOR		24.849854	74.008609				0.37					50.00		Gosunda Irrigation Proj.
3324	Vasni	UDAIPUR	Mavli	Banas	Berach	MINOR		24.795776	74.052010				0.40					74.00		Gosunda Irrigation Proj.
	Project Catchment Total											**52.55**	**70.63**				**10,906.81**	**12,661.66**	**6,066.60**	
2821	Sansera	RAJSAMAND	Railmagra	Banas	Berach	MINOR		24.952936	74.065205				4.87					696.41		Mataji Ka Khera
	Project Catchment Total											-	**4.87**				-	**696.41**	-	
1615	Khile Kheria	CHITTAURGARH	Begun	Banas	Berach	MINOR		25.025466	74.839023				0.10					27.00		Orai
1670	Guner	CHITTAURGARH	Chittaurgarh	Banas	Berach	Minor	2009-10	24.823209	74.848761	11.95	665.00	0.84	0.79	36.09	152.82		327.00	264.00	140.48	Orai
	Project Catchment Total											**0.84**	**0.89**				**327.00**	**291.00**	**140.48**	
3188	Badi	UDAIPUR	Bargaon	Banas	Berach	MINOR		24.609169	73.624464				7.08					883.00		Udai Sagar
3220	Fatehsagar	UDAIPUR	Bargaon	Banas	Berach	MINOR	old	24.608824	73.674699				6.70					680.00		Udai Sagar
3264	Lakhawali	UDAIPUR	Bargaon	Banas	Berach	MINOR		24.675742	73.682784				2.41					176.00		Udai Sagar
3271	Madar (Big)	UDAIPUR	Bargaon	Banas	Berach	MINOR		24.680126	73.605418				2.21					280.00		Udai Sagar
3272	Madar (Samll)	UDAIPUR	Bargaon	Banas	Berach	MINOR		24.664060	73.607266				0.77					77.00		Udai Sagar
3229	Goverdhan Vilas	UDAIPUR	Girwa	Banas	Berach	MINOR		24.542658	73.681066				0.26					77.00		Udai Sagar
3284	Nandeshwar	UDAIPUR	Girwa	Banas	Berach	MINOR		24.520040	73.642981				3.54					506.22		Udai Sagar
3316	Swaroop Sagar	UDAIPUR	Girwa	Banas	Berach	MINOR		24.570723	73.660770				9.01					1,288.43		Udai Sagar
3274	Madarda	UDAIPUR	Gogunda	Banas	Berach	MINOR		24.742352	73.607881				0.40					71.00		Udai Sagar
	Project Catchment Total											-	**32.38**				-	**4,038.65**	-	
2766	Godach	RAJSAMAND	Khamnor	Banas	Berach	MINOR		24.788494	73.665132				0.35					69.00		Vallabhnagar
2805	Morio Kadia	RAJSAMAND	Khamnor	Banas	Berach	MINOR		24.781230	73.763327				0.28					42.00		Vallabhnagar
3212	Chirwa	UDAIPUR	Bargaon	Banas	Berach	MINOR		24.702257	73.741021				0.37					105.00		Vallabhnagar
3223	Ghasa	UDAIPUR	Mavli	Banas	Berach	MINOR		24.787179	73.811728				5.84					677.00		Vallabhnagar
3232	Gundali	UDAIPUR	Mavli	Banas	Berach	MINOR		24.695492	73.789562				0.20					28.00		Vallabhnagar
3257	Khemli	UDAIPUR	Mavli	Banas	Berach	MINOR		24.680106	73.850416				2.07					298.00		Vallabhnagar
3266	Laxman Sagar (Nawa)	UDAIPUR	Mavli	Banas	Berach	MINOR		24.769960	73.800350				0.37					95.00		Vallabhnagar
3302	Salera	UDAIPUR	Mavli	Banas	Berach	MINOR		24.677657	73.920113				1.73					319.00		Vallabhnagar
	Project Catchment Total											-	**11.21**				-	**1,633.00**	-	
1583	Belod	CHITTAURGARH	Bari Sadri	Banas	Berach	MINOR		24.438757	74.409920				0.31					117.00		Wagan Project
1616	Khok Parsob	CHITTAURGARH	Bari Sadri	Banas	Berach	MINOR		24.360800	74.490818				2.11					250.00		Wagan Project
1640	Parsoli	CHITTAURGARH	Bari Sadri	Banas	Berach	MINOR	1982-83	24.364309	74.443680	9.28	160.00	2.77	2.31		281.76	3.05	441.00	400.00	331.00	Wagan Project
1647	Resdri	CHITTAURGARH	Bari Sadri	Banas	Berach	MINOR		24.335831	74.426148				0.38					51.00		Wagan Project
1660	Shivpura	CHITTAURGARH	Bari Sadri	Banas	Berach	MINOR		24.417613	74.414315				0.12					20.00		Wagan Project
1582	Basa Khera	CHITTAURGARH	Dungla	Banas	Berach	MINOR		24.480021	74.348313				0.20					42.00		Wagan Project
	Project Catchment Total											**2.77**	**5.43**				**441.00**	**880.00**	**331.00**	
	Sub Basin Total											**118.99**	**249.32**				**25,806.94**	**43,345.55**	**13,808.48**	
98	Chandolai Tank	AJMER	Arain	Banas	Dain	MINOR	State Time	26.164758	75.063062	4.11	1,350.00	0.26	0.30	NA	27.45	NA	89.03	41.30	41.29	Bisalpur
191	Kanwar Pada Talab Birla	AJMER	Arain	Banas	Dain	MINOR	State Time	26.146493	75.109139	4.26	1,500.00	0.45	0.50	NA	27.45	NA	89.03	64.80	51.82	Bisalpur
262	Naya Talab Birla	AJMER	Arain	Banas	Dain	MINOR	State Time	26.159192	75.094408	4.26	2,550.00	0.90	0.90	NA	103.30	NA	184.94	129.50	103.60	Bisalpur
314	Ram Sagar Ramsinghpura	AJMER	Arain	Banas	Dain	MINOR	State Time	26.188578	75.062686	3.81	1,350.00	0.68	0.68	NA	42.45	NA	89.06	89.00	76.89	Bisalpur
333	Sadapura Tank	AJMER	Arain	Banas	Dain	MINOR	State Time	26.178308	75.080321	4.41	1,500.00	0.20	0.20	NA	63.67	NA	94.69	85.00	50.60	Bisalpur

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
7	Ambapura	AJMER	Kekri	Banas	Dain	MINOR	1991	26.110743	75.182955	NA	NA	1.95	1.75	NA	917.00		547.00	418.65	251.00	Bisalpur
75	Bhagat Saaar Junia	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.087410	75.206639	3.96	2,010.00	0.85	0.85	NA	107.26	NA	114.57	115.00	114.57	Bisalpur
93	Budia Talab Jal Ka Kheda	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.002754	75.162567	3.20	1,050.00	0.23	0.21	NA	11.32	0.70	24.69	24.70	24.69	Bisalpur
95	Chak Tank Salari	AJMER	Kekri	Banas	Dain	MINOR	State Time	25.964040	75.272585	4.27	1,230.00	0.17	0.17	NA	27.54	NA	24.24	24.30	24.29	Bisalpur
100	Chaperiya Tank Gaon	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.110755	75.293310	3.81	2,790.00	0.30	0.28	NA	222.72	0.65	36.84	36.80	36.84	Bisalpur
120	Devi Sagar Devgaon	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.113643	75.274458	3.96	1,680.00	0.51	0.51	NA	41.60	NA	69.23	68.40	69.23	Bisalpur
127	Dhawalia Tank Junia	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.083359	75.179369	4.87	1,650.00	0.28	0.28	NA	115.10	7.07	36.84	37.00	36.84	Bisalpur
165	Jarjala Tank Junio	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.090886	75.189062	3.50	1,500.00	0.45	0.45	NA	38.06	6.70	89.06	64.80	51.82	Bisalpur
203	Khatolai Mewda Kalan	AJMER	Kekri	Banas	Dain	MINOR	State Time	25.981562	75.216095				0.37					47.00		Bisalpur
254	Nanga Tank Baghena	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.027386	75.286464	3.65	1,140.00	0.31	0.30	NA	28.53	1.15	42.51	42.50	42.51	Bisalpur
271	Naya Talab Mevdakalan	AJMER	Kekri	Banas	Dain	MINOR	State Time	25.987092	75.168956	3.35	2,310.00	0.57	0.55	NA	43.64	NA	79.35	78.40	79.35	Bisalpur
310	Ram Sagar Dhulwatia	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.040780	75.194430	3.81	900.00	0.18	0.18	NA	34.41	2.22	23.07	23.10	23.07	Bisalpur
349	Shiv Sagar Akelsingha	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.024953	75.196609	3.81	1,500.00	0.20	0.20	NA	56.60	3.97	22.26	22.30	22.26	Bisalpur
3146	Sankarwada	TONK	Deoli	Banas	Dain	MINOR	old	25.957502	75.378618	3.95	2,011.00	0.28	0.28	0.07	1,350.00	0.61	101.21	40.50	40.48	Bisalpur
3015	Bade Talab Datok	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.142549	75.248105		3,072.00	0.67	0.65	0.20		5.64	246.96	121.40	93.12	Bisalpur
3023	Batera Sagar	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.023935	75.427796	6.09	1,295.00	2.88	1.67	0.28	4,494.00	2.74	242.91	161.90	141.70	Bisalpur
3055	Dhodia Sagar Dholai	TONK	Todaraisingh	Banas	Dain	MINOR	State Time	26.130124	75.270258	3.96	1,890.00	0.28	0.28	NA	41.17	0.03	40.08	40.00	40.08	Bisalpur
3060	Gagolao	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.067200	75.431786	4.57	1,844.00	0.77	0.77	0.17	2,125.00	2.74	327.97	129.50	110.12	Bisalpur
3062	Getolav Sawaliya	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.181986	75.248335	3.35	1,384.00	0.37	0.37	0.11	345.00	Small W.Course	158.00	68.80	53.00	Bisalpur
3064	Guchi Nadi	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.156986	75.262705	2.74		0.06	0.06	0.02		Small W.Course		19.00	8.00	Bisalpur
3080	Kali Dungari	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.049278	75.386541	3.35	1,767.00	1.56	1.55	0.49	9,372.00	10.51	445.34	287.30	223.60	Bisalpur
3086	Khedulla	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.083440	75.415355	3.35	1,584.00	0.02	0.40	0.11	1,580.00	2.13	152.00	60.70	51.00	Bisalpur
3110	Mordund Kuharda	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.128725	75.211370	2.44	1,539.00	0.18	0.17	0.06		1.82	67.00	39.50	26.00	Bisalpur
3126	Pundariya Mundiya	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.086037	75.353116	3.35	1,848.00	0.14	0.14	0.07	650.00	1.67	73.00	32.40	20.00	Bisalpur
3127	Rajalao Kuhara	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.117639	75.233139	3.35	1,859.00	0.25	0.25	616.30	614.77	2.44	73.00	40.50	28.00	Bisalpur
3157	Shiv Sagar Sanwaria	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.164252	75.244779	3.66	1,402.00	0.31	0.31	0.09	780.00	0.76	93.00	72.80	45.00	Bisalpur
3167	Talab Mundiya	TONK	Todaraisingh	Banas	Dain	MINOR	old	26.061247	75.348745				0.17					40.50		Bisalpur
	Project Catchment Total											**16.26**	**15.75**				**3,676.88**	**2,567.35**	**1,980.77**	
2	Ajgara Bund	AJMER	Arain	Banas	Dain	MINOR	1962-63	26.002275	75.084148	NA	NA	3.53	3.25	NA	396.20		809.00	485.60	388.31	Lassaria Irrigation Project
9	Amolav Jhelalalai	AJMER	Arain	Banas	Dain	MINOR	State Time	26.053398	75.082408	3.88	1,560.00	0.68	0.68	NA	38.06	NA	138.87	97.00	77.70	Lassaria Irrigation Project
10	Amolav Tank Hingonia	AJMER	Arain	Banas	Dain	MINOR	State Time	26.066535	75.124914	5.02	1,770.00	0.68	0.68	NA	32.83	NA	138.87	97.10	77.70	Lassaria Irrigation Project
11	Ana Sagar Fatehgarh	AJMER	Arain	Banas	Dain	MINOR	State Time	26.125029	75.011857	3.65	1,350.00	0.34	2.60	NA	20.23	NA	89.60	364.20	34.81	Lassaria Irrigation Project
35	Bada Talab Sarana	AJMER	Arain	Banas	Dain	MINOR	State Time	26.086084	74.981758	4.57	1,950.00	0.32	0.31	NA	123.39	NA	56.65	54.00	45.75	Lassaria Irrigation Project
49	Bala Sagar Bhatolav	AJMER	Arain	Banas	Dain	MINOR	State Time	26.059208	75.034782	4.26	1,710.00	0.85	0.85	NA	55.18	NA	184.90	129.50	103.60	Lassaria Irrigation Project
50	Bala Sagar Bilawatiya	AJMER	Arain	Banas	Dain	MINOR	State Time	26.066084	75.147523	3.65	1,890.00	0.90	0.90	NA	29.15	NA	184.94	129.50	103.60	Lassaria Irrigation Project
77	Bhagwatia Tank	AJMER	Arain	Banas	Dain	MINOR	State time	26.096868	74.981002	NA	NA	0.45	0.45	NA	15.99	0.45	88.00	64.80	130.00	Lassaria Irrigation Project
79	Bhawani Sagar Bhagwanpura	AJMER	Arain	Banas	Dain	MINOR	State Time	26.013366	74.971263	4.57	1,500.00	1.39	1.20	NA	75.70	NA	198.30	198.30	158.64	Lassaria Irrigation Project
137	Gaj Sagar Sarovar	AJMER	Arain	Banas	Dain	MINOR	State time	26.084992	75.022727	NA	NA	1.95	1.95	NA	63.96	4.80	394.00	259.00	279.00	Lassaria Irrigation Project
138	Gambhir Sagar	AJMER	Arain	Banas	Dain	MINOR	State Time	26.048235	75.106032	4.87	1,350.00	0.34	0.34	NA	60.56	NA	48.58	49.00	38.86	Lassaria Irrigation Project
151	Govind Sagar Sarwar	AJMER	Arain	Banas	Dain	MINOR	State time	26.081662	74.985083	NA	NA	1.50	1.50	NA	63.96	4.29	302.80	173.00	130.00	Lassaria Irrigation Project
166	Jarjodia Tank	AJMER	Arain	Banas	Dain	MINOR		26.093374	75.003637	NA	NA	0.29	0.28	NA	38.06	3.27		32.00	52.00	Lassaria Irrigation Project
185	Kalyani Sagar Dhuwalia	AJMER	Arain	Banas	Dain	MINOR	State Time	26.035880	75.155452	3.65	1,440.00	0.31	0.30	NA	20.94	2.83	40.08	40.10	40.08	Lassaria Irrigation Project
197	Keria Sagar Keria	AJMER	Arain	Banas	Dain	MINOR	State Time	26.353426	74.973801	3.50	1,500.00	0.32	0.25	NA	33.31	NA	189.87	189.80	45.75	Lassaria Irrigation Project
234	Madan Sarowar Dhanwa	AJMER	Arain	Banas	Dain	MINOR	State time	26.156316	75.032187	NA	NA	9.13	8.80	NA	1,590.46	18.40	1,767.80	1,258.60	1,245.70	Lassaria Irrigation Project
259	Naya Talab Barana	AJMER	Arain	Banas	Dain	MINOR	State Time	26.184563	75.026056	4.11	1,650.00	0.62	0.60	NA	67.63	NA	64.77	64.80	51.82	Lassaria Irrigation Project
273	Naya Talab Piproli	AJMER	Arain	Banas	Dain	MINOR	State Time	26.086313	75.125115	3.05	1,530.00	0.45	0.45	NA	56.60	NA	89.03	64.80	51.82	Lassaria Irrigation Project
358	Sindoor Sagar	AJMER	Arain	Banas	Dain	MINOR	State time	26.068470	75.016461	NA	NA	1.90	1.90	NA	57.93	4.39	236.80	214.50	32.00	Lassaria Irrigation Project
364	Sura Suri Fatehgarh	AJMER	Arain	Banas	Dain	MINOR	State Time	26.115669	75.006731	3.65	2,490.00	0.45	0.45	NA	40.89	NA	89.03	64.80	50.60	Lassaria Irrigation Project
367	Suraj Sagar Jatpura	AJMER	Arain	Banas	Dain	MINOR	State Time	26.109874	75.085800	4.26	1,200.00	0.45	0.50	NA	24.00	NA	89.03	64.80	51.82	Lassaria Irrigation Project
372	Tal Sarowar Arnia	AJMER	Arain	Banas	Dain	MINOR	State time	25.997204	75.023302				5.43					777.00		Lassaria Irrigation Project
378	Vijai Sagar Fatehgarh	AJMER	Arain	Banas	Dain	MINOR	State time	26.131736	75.002173	NA	NA	2.55	2.55	NA	121.69	8.88	520.00	364.20	291.38	Lassaria Irrigation Project
1	Aheda Talab	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.248715	74.918424	4.76	2,430.00	0.98	0.99	NA	42.19	NA	224.44	204.00	121.41	Lassaria Irrigation Project
4	Akhai Sanar Bandanwara	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.143966	74.701740	4.92	2,550.00	0.37	0.37	NA	38.12	NA	186.16	182.10	60.70	Lassaria Irrigation Project
8	Amertiya Talab Goyala	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.130022	74.913394	4.26	1,170.00	0.18	0.18	NA	29.15	NA	36.43	32.70	32.38	Lassaria Irrigation Project
12	Anand Sagar Tantoti	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.147566	74.818180	4.11	2,100.00	0.26	0.25	NA	15.56	NA	89.03	80.90	50.60	Lassaria Irrigation Project
15	Bada Talab Anawar	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.165813	74.888534				0.20					61.00		Lassaria Irrigation Project
16	Bada Talab Bandanwara	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.143553	74.738268	5.18	2,880.00	0.51	0.51	NA	93.39	NA	84.98	80.00	72.87	Lassaria Irrigation Project
17	Bada Talab Billia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	25.987214	74.908753	3.96	1,260.00	0.21	0.21	NA	24.34	NA	36.42	32.40	30.36	Lassaria Irrigation Project
20	Bada Talab Goyla	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.118605	74.935644	3.58	1,950.00	0.27	0.27	NA	30.76	NA	93.08	89.00	38.04	Lassaria Irrigation Project
22	Bada Talab Jaipia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.098154	74.617186	3.50	660.00	0.14	0.14	NA	18.62	NA	32.37	28.30	21.05	Lassaria Irrigation Project
23	Bada Talab Jawalakakua	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.145260	74.893837	4.11	2,700.00	0.71	0.71	NA	49.66	NA	125.45	121.40	102.02	Lassaria Irrigation Project
29	Bada Talab Nagolav	AJMER	Bhinay	Banas	Dain	MINOR		26.024740	74.861331				0.41					68.80		Lassaria Irrigation Project
32	Bada Talab Paranga	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.084446	74.654426	3.66	1,590.00	0.42	0.42	NA	35.49	NA	54.65	53.00	48.58	Lassaria Irrigation Project
33	Bada Talab Pipla	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.007145	74.837412	4.62	1,545.00	0.28	0.28	NA	26.09	NA	80.96	73.00	40.48	Lassaria Irrigation Project
38	Bada Talab Sedariya	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.107500	74.745833	3.65	1,290.00	0.20	0.20	NA	15.31	NA	52.61	48.00	36.36	Lassaria Irrigation Project

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
40	Bada Talab Suklia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.215752	74.842839	3.35	2,340.00	0.29	0.28	NA	27.70	NA	52.61	49.00	42.10	Lassaria Irrigation Project
41	Bada Talab Tilara	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.010958	74.744466	3.96	1,800.00	0.33	0.31	NA	71.74	NA	117.36	60.70	46.55	Lassaria Irrigation Project
386	Badla Khera talab	AJMER	Bhinay	Banas	Dain	Minor		26.168717	74.936115				0.06					14.00		Lassaria Irrigation Project
45	Bahadur Sagar Jadana	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.049495	74.971825	3.50	1,200.00	0.19	0.20	NA	13.86	NA	36.42	32.40	24.29	Lassaria Irrigation Project
47	Bahera Talab	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.248163	74.899587	3.56	1,920.00	0.37	0.37	NA	65.37	NA	186.97	168.40	101.17	Lassaria Irrigation Project
52	Bala Sagar Nagolav	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.014767	74.859409	4.87	930.00	0.27	0.25	NA	39.20	NA	44.52	41.00	30.36	Lassaria Irrigation Project
56	Balwant Sagar Kushalpura	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.073899	74.857650	3.35	1,440.00	0.23	0.23	NA	30.36	NA	32.37	28.00	24.29	Lassaria Irrigation Project
57	Balwant Sagar Sabri	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.016753	74.783069	4.87	1,350.00	0.81	0.79	NA	59.06	NA	133.55	129.50	115.34	Lassaria Irrigation Project
62	Bankey Sagar Sarwar	AJMER	Bhinay	Banas	Dain	MINOR	State time	26.057972	74.978934	NA	NA	1.73	1.73	NA	86.88	2.40	348.00	125.50	153.00	Lassaria Irrigation Project
63	Bankhera Talab Badagaon	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.004833	74.909492	4.26	1,650.00	0.70	0.70	NA	49.27	NA	186.16	182.10	101.21	Lassaria Irrigation Project
64	Banvala Talab Surapura	AJMER	Bhinay	Banas	Dain	MINOR		26.134025	74.736205				0.31					48.00		Lassaria Irrigation Project
65	Barol Tank (New)	AJMER	Bhinay	Banas	Dain	MINOR	State time	26.245162	74.959780				3.10					647.50		Lassaria Irrigation Project
66	Barol Tank (Old)	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.259030	74.978443	4.70	1,740.00	0.46	0.30	NA	63.96	NA	191.21	101.20	60.72	Lassaria Irrigation Project
72	Bhabut Sager Shergarh	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.195069	74.954170	3.88	1,200.00	0.25	0.25	NA	57.96	NA	78.91	65.00	60.72	Lassaria Irrigation Project
76	Bhagwant Pura Talab	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.224630	74.890420	4.81	1,050.00	0.35	0.23	NA	27.59	NA	101.17	101.20	60.70	Lassaria Irrigation Project
83	Bhera Sagar Sukhll	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.189992	74.858418	4.03	2,070.00	0.31	0.31	NA	57.95	NA	52.63	49.00	43.72	Lassaria Irrigation Project
84	Bheru Sagar Bherukheda	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.121375	74.867073	3.50	1,318.00	0.25	0.25	NA	23.49	NA	64.77	64.80	60.72	Lassaria Irrigation Project
86	Bheru Sagar Ramalia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.116645	74.830520	4.26	1,560.00	0.15	0.20	NA	23.66	NA	34.39	30.40	22.26	Lassaria Irrigation Project
103	Chawandia Sagar Chawandia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.025178	74.732698	5.64	1,209.00	1.24	1.20	NA	53.00	NA	182.11	178.10	141.64	Lassaria Irrigation Project
106	Chota Talab Sokeli	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.205982	74.871462	3.50	1,860.00	0.33	0.31	NA	40.32	NA	56.65	52.60	44.53	Lassaria Irrigation Project
110	Dabela Talab Dabrela	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.220764	75.008688	5.32	2,550.00	1.19	1.13	NA	114.61	NA	562.52	505.60	121.41	Lassaria Irrigation Project
114	Dand Talab Sanodia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.093721	74.916483	3.43	1,770.00	0.27	0.25	NA	18.96	NA	45.50	44.50	38.46	Lassaria Irrigation Project
119	Deven Sagar Nagala	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.003780	74.853291	3.96	600.00	0.15	0.14	NA	50.97	NA	36.42	122.00	22.26	Lassaria Irrigation Project
124	Devi Sagar Shergarh	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.167322	74.955329	3.50	1,410.00	0.17	0.17	NA	61.32	NA	28.33	24.30	24.29	Lassaria Irrigation Project
130	Dhora Talab Jatayan	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.085621	74.853621	3.65	2,010.00	0.17	0.17	NA	40.92	NA	32.37	26.30	26.31	Lassaria Irrigation Project
134	Dund Talab Goyela	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.116639	74.915318	3.43	1,380.00	0.17	0.17	NA	21.85	NA	32.37	28.20	24.29	Lassaria Irrigation Project
140	Ganesh Sagar Ganeshpura	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.131882	74.967704	3.65	1,530.00	0.68	0.70	NA	24.33	NA	138.81	97.10	77.70	Lassaria Irrigation Project
148	Gopal Sagar Sarana	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.172122	74.867958	3.96	1,905.00	0.49	0.48	NA	90.41	NA	80.97	76.90	76.92	Lassaria Irrigation Project
161	Inder Sagar Kalyanipura	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.131815	74.768809				0.23					33.00		Lassaria Irrigation Project
167	Jaswant Sagar Shergarh	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.171560	74.972975	4.57	1,820.00	0.35	0.29	NA	116.59	NA	68.78	64.80	64.77	Lassaria Irrigation Project
173	Jhela Sagar Dhatol	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.095151	74.784285	3.96	1,470.00	0.27	0.30	NA	40.61	NA	48.56	44.50	32.38	Lassaria Irrigation Project
174	Jhela Sagar Ragunthgarh	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.072751	74.845340	4.26	1,560.00	0.24	0.25	NA	64.86	NA	48.48	40.50	34.81	Lassaria Irrigation Project
180	Kala Talab Barla	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.047598	74.851458	4.32	2,670.00	0.57	0.57	NA	84.42	NA	129.50	121.40	80.97	Lassaria Irrigation Project
181	Kala Talab Keria	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.050523	74.892551	3.96	1,050.00	0.17	0.17	NA	39.76	NA	45.50	40.50	24.29	Lassaria Irrigation Project
182	Kala Talab Ragunathpura	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.017289	74.933858	4.26	720.00	0.20	0.20	NA	13.86	NA	36.42	32.40	28.34	Lassaria Irrigation Project
183	Kala Talab Satolia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.077585	74.898547	3.58	2,070.00	0.37	0.37	NA	9.85	NA	60.70	56.70	52.63	Lassaria Irrigation Project
192	Karan Sagar Piproli	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.170146	74.831277	3.81	1,950.00	0.57	0.57	NA	39.20	NA	97.73	89.00	18.34	Lassaria Irrigation Project
195	Karni Sagar Khapara	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.007064	74.789615	4.26	1,350.00	0.21	0.21	NA	17.71	NA	44.52	40.70	32.38	Lassaria Irrigation Project
198	Keria Talab	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.190996	74.978176	3.65	1,260.00	0.25	0.25	NA	15.62	NA	60.72	60.70	36.43	Lassaria Irrigation Project
229	Lodkiya Talab Nagolao	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.014608	74.846251	4.26	1,200.00	0.24	0.23	NA	28.04	NA	40.47	36.40	34.00	Lassaria Irrigation Project
238	Man Sagar Jadana	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.056187	74.950140	3.88	1,350.00	0.45	0.45	NA	26.60	NA	78.65	72.80	63.35	Lassaria Irrigation Project
239	Man Sagar Jatayan	AJMER	Bhinay	Banas	Dain	MINOR		26.080443	74.875861	NA	NA	1.81	1.81	NA	219.04	3.18	532.00	526.10	400.00	Lassaria Irrigation Project
250	Mundiya Talab Jawala	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.137136	74.900614	3.88	1,560.00	0.18	0.17	NA	32.20	NA	44.52	40.50	40.48	Lassaria Irrigation Project
264	Naya Talab Chandana	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.137523	74.838818	3.73	1,710.00	0.27	0.25	NA	35.17	NA	52.61	48.60	38.05	Lassaria Irrigation Project
269	Naya Talab Kanei Kalan	AJMER	Bhinay	Banas	Dain	MINOR	State Time	25.982256	74.925398	4.27	1,530.00	0.17	0.17	NA	42.59	NA	40.47	36.40	24.29	Lassaria Irrigation Project
274	Naya Talab Ragunathpura	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.005805	74.931690	3.96	1,680.00	0.28	0.28	NA	34.46	NA	125.45	121.40	40.47	Lassaria Irrigation Project
276	Naya Talab Satolia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.069008	74.917238	3.73	1,800.00	0.19	0.20	NA	79.97	NA	52.61	49.00	27.53	Lassaria Irrigation Project
283	Panchoula Talab Khandra	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.053011	74.932426	4.27	1,710.00	0.17	0.17	NA	29.15	NA	32.37	28.30	28.34	Lassaria Irrigation Project
288	Peevania Talab Keria	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.044992	74.870477	5.38	3,000.00	0.55	0.60	NA	174.61	1.11	182.91	178.10	80.97	Lassaria Irrigation Project
289	Peevniya Talab Jotayan	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.096449	74.866370	3.96	1,380.00	0.17	0.12	NA	46.01	NA	33.02	28.40	26.31	Lassaria Irrigation Project
301	Prithvi Sagar Gudlia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.169763	74.812020	3.81	3,210.00	0.42	0.42	NA	44.20	NA	125.45	121.40	97.16	Lassaria Irrigation Project
311	Ram Sagar Kumariya	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.172222	74.733333	4.72	1,530.00	0.93	0.93	NA	94.30	NA	145.69	141.60	133.55	Lassaria Irrigation Project
318	Rani Sagar Gujarwara	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.091328	74.766333	3.96	660.00	0.70	0.71	NA	46.24	NA	129.50	48.60	101.21	Lassaria Irrigation Project
320	Ranjeet Sagar Karanta	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.060236	74.705007	4.72	750.00	0.42	0.42	NA	24.84	NA	101.17	97.10	60.70	Lassaria Irrigation Project
331	Roop Sagar Roopura	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.124100	74.666507	3.96	1,200.00	0.14	0.14	NA	49.41	NA	44.52	40.50	24.29	Lassaria Irrigation Project
336	Sagar Tank Bawari	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.192161	74.927932	4.26	2,100.00	0.14	0.20	NA	36.25	NA	74.75	60.70	20.65	Lassaria Irrigation Project
345	Shell Sagar Kitap	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.134510	74.744982	3.65	3,900.00	1.15	1.16	NA	107.65	NA	234.72	192.00	161.88	Lassaria Irrigation Project
346	Shell Sagar Tantoti	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.136984	74.801050	3.50	1,350.00	0.38	0.37	NA	32.20	NA	95.10	91.10	54.15	Lassaria Irrigation Project
357	Shyam Sagar Ragunathgarh	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.064739	74.852844	4.26	1,380.00	0.29	0.28	NA	34.50	NA	54.63	50.60	41.70	Lassaria Irrigation Project
360	Sohila Tank	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.216667	74.962500	3.96	1,800.00	0.24	0.14	NA	51.50	NA	72.84	64.80	40.48	Lassaria Irrigation Project
365	Suraj Sagar Bandanwara	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.122111	74.711914	4.42	930.00	0.45	0.45	NA	69.67	NA	84.98	80.00	64.77	Lassaria Irrigation Project
366	Suraj Sagar Bhinai	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.040045	74.752137	5.48	810.00	0.63	0.62	NA	61.89	NA	117.36	111.30	90.65	Lassaria Irrigation Project
368	Suraj Sagar Kalyanipura	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.138077	74.760078	3.81	1,440.00	0.34	0.34	NA	39.28	NA	56.65	52.60	40.48	Lassaria Irrigation Project
375	Ummed	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.080038	74.701870	4.57	885.00	0.51	0.51	NA	53.34	NA	80.70	33.00	60.72	Lassaria Irrigation Project
382	Vijay Sagar Ramalia	AJMER	Bhinay	Banas	Dain	MINOR	State Time	26.093269	74.807774	4.65	1,500.00	0.32	0.31	NA	65.80	NA	40.47	36.40	32.38	Lassaria Irrigation Project
42	Bade Talab Naiki	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.015554	75.165266	3.65	1,200.00	0.17	0.20	NA	15.34	4.66	45.74	46.00	45.74	Lassaria Irrigation Project
128	Dhola Talab Naiki	AJMER	Kekri	Banas	Dain	MINOR	State Time	26.010020	75.163678	3.65	960.00	0.17	0.17	NA	10.13	5.36	21.45	21.40	21.45	Lassaria Irrigation Project

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																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
53	Bala Sagar Pharikiya	AJMER	Kishangarh	Banas	Dain	MINOR	State Time	26.470392	74.825662	NA	760.00	19.00	0.52	NA	825.00	0.11	187.00	168.80	73.00	Lassaria Irrigation Project
206	Kheda Sagar	AJMER	Kishangarh	Banas	Dain	MINOR	State Time	26.460520	74.874925	NA	1,980.00	8.00	0.23	NA	1,336.00	1.51	202.00	102.00	53.00	Lassaria Irrigation Project
306	Rai Sagar Tikawara	AJMER	Kishangarh	Banas	Dain	MINOR	State Time	26.475000	74.850000	NA	1,510.00	21.40	0.59	NA	3,163.00	2.99	72.00	68.80	48.00	Lassaria Irrigation Project
26	Bada Talab Mayela	AJMER	Masuda	Banas	Dain	MINOR	State Time	26.200834	74.555326	3.96	216.00	0.25	0.25	NA	35.79	1.41	46.00	45.00	36.43	Lassaria Irrigation Project
37	Bada Talab Satwaria	AJMER	Masuda	Banas	Dain	MINOR	State Time	26.120640	74.621427	5.18	870.00	0.51	0.51	NA	93.78	3.30	90.00	89.00	72.85	Lassaria Irrigation Project
43	Badliya Talab Amargarh	AJMER	Masuda	Banas	Dain	MINOR	State Time	26.155133	74.632178	3.35	2,130.00	0.34	0.34	NA	52.19	NA	93.07	89.00	64.77	Lassaria Irrigation Project
194	Karani Sagar Nasoon	AJMER	Masuda	Banas	Dain	MINOR	State Time	26.221788	74.585847	4.27	900.00	0.35	0.40	NA	40.80	2.82	64.80	63.10	50.60	Lassaria Irrigation Project
24	Bada Talab Jherwara	AJMER	Peesangan	Banas	Dain	MINOR		26.221647	74.699288				0.71					121.40		Lassaria Irrigation Project
67	Barwala Tank Bagsuri	AJMER	Peesangan	Banas	Dain	MINOR		26.235794	74.660331	NA	710.00	8.50	0.23	NA	1,420.00	2.80	60.00	44.50	28.00	Lassaria Irrigation Project
92	Budh Sagar Bagsuri	AJMER	Peesangan	Banas	Dain	MINOR		26.212306	74.631608				1.42					161.90		Lassaria Irrigation Project
96	Chal Tank	AJMER	Peesangan	Banas	Dain	MINOR		26.249577	74.732160				1.42					433.00		Lassaria Irrigation Project
107	Chotta Talab Jherwasa	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.244794	74.690543	NA	910.00	15.00	0.35	NA	1,386.00	1.43	88.00	72.80	40.00	Lassaria Irrigation Project
142	Gaon Talab Bagsuri	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.228067	74.640547	NA	1,790.00	7.50	0.20	NA	1,300.00	2.07	50.00	40.50	24.00	Lassaria Irrigation Project
162	Jagpura Talab	AJMER	Peesangan	Banas	Dain	MINOR		26.265819	74.731907				0.59					80.90		Lassaria Irrigation Project
220	Lakholav Tank Hanutiya	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.210499	74.785095				0.85					368.30		Lassaria Irrigation Project
263	Naya Talab Bubania	AJMER	Peesangan	Banas	Dain	MINOR		26.252085	74.681668				1.92					202.30		Lassaria Irrigation Project
281	Pacca Talab Bubania	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.259046	74.670666				0.42					80.90		Lassaria Irrigation Project
293	Phool Sagar Bhawanikhera	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.294286	74.660389	NA	950.00	14.50	0.71	NA	2,047.00	3.56	73.00	101.20	41.00	Lassaria Irrigation Project
307	Rajgarh Irrigation Project	AJMER	Peesangan	Banas	Dain	MINOR		26.296745	74.637556				0.57					93.80		Lassaria Irrigation Project
309	Rajoshi Talab	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.332148	74.676078	NA	270.00	26.42	0.80	NA	1,776.00	3.35	202.00	161.90	101.00	Lassaria Irrigation Project
323	Rasulpura Tank	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.216688	74.670674	NA	756.00	10.00	0.28	NA	1,088.00	1.67	90.00	80.90	32.00	Lassaria Irrigation Project
325	Rata Khera Talab	AJMER	Peesangan	Banas	Dain	MINOR		26.299327	74.756881	NA	100.00	6.09	3.11	NA	4,596.00	1.58	44.00	170.00	24.00	Lassaria Irrigation Project
353	Shiv Sagar Niyara	AJMER	Peesangan	Banas	Dain	MINOR	State Time	26.178029	74.664194	NA	590.00	5.48	4.40	NA	17,323.00	13.75	820.00	465.40	450.00	Lassaria Irrigation Project
34	Bada Talab Ramsar	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.277301	74.838274	NA	2,250.00	14.40	11.40	NA	33,941.00	9.73	1,619.00	1,456.90	809.00	Lassaria Irrigation Project
58	Balwanta Talab	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.350248	74.704821	NA	1,083.00	9.26	0.26	NA	975.00	0.48	72.00	65.00	40.00	Lassaria Irrigation Project
68	Barwala Tank Pharkiya	AJMER	Srinagar	Banas	Dain	MINOR		26.448209	74.815351				0.50					169.00		Lassaria Irrigation Project
88	Bhim Sagar Tihari	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.409281	74.875446	NA	1,788.00	1.71	1.56	NA	8,452.00	6.64	374.00	338.00	202.00	Lassaria Irrigation Project
115	Dandolav Talab Samporda	AJMER	Srinagar	Banas	Dain	MINOR		26.319778	74.950890				0.75					101.20		Lassaria Irrigation Project
135	Dund Talab Ramsar	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.300881	74.878198				0.59					68.00		Lassaria Irrigation Project
158	Hathi Patta Parkiya	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.432823	74.828980	NA	1,920.00	21.28	0.40	NA	3,120.00	1.06	56.00	50.60	30.00	Lassaria Irrigation Project
187	Kalyanipura Tank	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.246865	74.873492				0.42					50.60		Lassaria Irrigation Project
190	Kanpura Tank	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.388376	74.847454	NA	1,720.00	87.10	2.41	NA	13,613.00	5.82	281.00	252.90	152.00	Lassaria Irrigation Project
199	Kesarpura Talab	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.253565	74.858103	NA	910.00	14.60	0.42	NA	2,464.00	0.70	112.00	101.20	61.00	Lassaria Irrigation Project
208	Kheer Samand Ramsar	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.292322	74.873115	NA	1,091.00	0.37	0.34	NA	2,759.00			48.62		Lassaria Irrigation Project
227	Laxmipura Tank	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.268794	74.892152				0.42					52.20		Lassaria Irrigation Project
243	Mawasia Tank	AJMER	Srinagar	Banas	Dain	MINOR		26.284182	74.907116				0.80					202.30		Lassaria Irrigation Project
388	Naya Talab Jilawara	AJMER	Srinagar	Banas	Dain	Minor	State Time	26.401411	74.819132	NA	1,250.00	74.43	1.02	NA	5,907.00	3.20	225.00	64.00	133.00	Lassaria Irrigation Project
290	Permanand Sagar Jaswantpura	AJMER	Srinagar	Banas	Dain	MINOR		26.233266	74.808667	NA	1,810.00	7.25	0.20	NA	1,675.00	1.85	63.00	56.70	34.00	Lassaria Irrigation Project
292	Phool Sagar Beer	AJMER	Srinagar	Banas	Dain	MINOR		26.406067	74.741784	NA	183.00	0.09	3.31	NA	3,813.00	8.27	375.00	337.10	236.00	Lassaria Irrigation Project
317	Rambari Talab Ramsar	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.312527	74.891706				0.45					40.50		Lassaria Irrigation Project
319	Rani Sagar Jhilawara	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.406532	74.805398				1.02					145.86		Lassaria Irrigation Project
339	Sanodh Talab	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.280258	74.819957				0.65					236.30		Lassaria Irrigation Project
352	Shiv Sagar Loherwara	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.252576	74.772889				1.13					147.70		Lassaria Irrigation Project
361	Srinagar Tank	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.450553	74.776760	NA	480.00	37.19	0.85	NA	2,580.00	3.96	150.00	135.60	81.00	Lassaria Irrigation Project
369	Surajpura Tank	AJMER	Srinagar	Banas	Dain	MINOR	State Time	26.307104	74.905192	NA	990.00	28.79	0.70	NA	4,534.00	4.26	151.00	135.60	81.00	Lassaria Irrigation Project
	Project Catchment Total											**500.38**	**121.60**				**18,716.17**	**20,124.88**	**10,979.49**	
	Sub Basin Total											**516.63**	**137.35**				**22,393.05**	**22,692.23**	**12,960.26**	
2849	Bindawal	SAWAI MADHOPUR	Bonli	Banas	Gudia	MINOR	State Time	26.270644	76.123867	NA	NA	0.20	0.18	NA	NA	1.05	1.05	20.20	NA	Dheel
3029	Bhanwanti	TONK	Niwai	Banas	Gudia	MINOR	State Time	26.407161	75.948925	3.66	1,676.00	0.37	0.37	0.10		2.29	157.89	52.60	52.63	Dheel
3066	Halolao	TONK	Niwai	Banas	Gudia	MINOR	old	26.383246	75.917681	4.87	1,798.00	0.62	0.62	0.13	1,543.00	Small W.Course	283.40	113.30	113.36	Dheel
3070	Harbhanwta	TONK	Niwai	Banas	Gudia	MINOR	old	26.496605	75.986774	3.96	2,317.00	0.54	0.68	0.17	1,486.00	2.28	218.62	97.10	97.16	Dheel
3078	Jugalpura	TONK	Niwai	Banas	Gudia	MINOR	old	26.344557	75.979503	3.04		0.68	0.40	0.12		Small W.Course	97.16	50.20	40.00	Dheel
3097	Luhara North	TONK	Niwai	Banas	Gudia	MINOR	old	26.474559	75.965512	3.35	2,133.00	0.57	0.57	0.17	1,574.00	2.25	218.62	89.00	71.25	Dheel
3098	Luhara South	TONK	Niwai	Banas	Gudia	MINOR	old	26.452152	75.969127	3.35	2,133.00	0.35	0.51	0.10	1,490.00	3.04	206.47	72.80	72.00	Dheel
3102	Matholao	TONK	Niwai	Banas	Gudia	MINOR	1994	26.332112	75.943820	7.80	2.37	1.75	2.01	3.17	12.00	3.75	283.00	293.30	393.52	Dheel
3159	Sirohi	TONK	Niwai	Banas	Gudia	MINOR	old	26.419059	76.077288	3.00	1,158.00	0.55	0.57	0.18	1,950.00	Small W.Course	109.31	95.50	78.13	Dheel
3165	Sukhpura	TONK	Niwai	Banas	Gudia	MINOR	old	26.419355	75.982607	4.27	1,554.00	0.68	0.68	0.16	1,114.00	Small W.Course	226.72	141.00	97.00	Dheel
3122	Parana	TONK	Tonk	Banas	Gudia	MINOR	old	26.268710	75.954914	5.49	1,798.00	1.05	0.20	0.19	3,226.00	2.29	275.30	198.30	150.00	Dheel
	Sub Basin Total											**7.36**	**6.79**				**2,077.54**	**1,223.30**	**1,165.05**	
2450	Mirmada	KARAULI	Karauli	Banas	Kalisil	MINOR		26.373054	76.944330				0.31					49.00		Kalisil
2425	Attewa	KARAULI	Sapotra	Banas	Kalisil	MINOR		26.266853	76.874385				0.53					283.00		Kalisil
2431	Daulatpura	KARAULI	Sapotra	Banas	Kalisil	MINOR		26.188674	76.840522				0.29					20.30		Kalisil
2452	Naineya ki Guwari	KARAULI	Sapotra	Banas	Kalisil	MINOR		26.232409	76.853544				1.10					105.00		Kalisil

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	Sub Basin Total											-	**2.23**				-	**457.30**	-	
1068	Bada Talab Barsani	BHILWARA	Asind	Banas	Khari	MINOR	Old tank	25.759508	74.448311	4.27	1,902.00	1.70	1.70	-	300.00	3.00	-	310.00	194.00	Arwar Dam
1105	Bhawani Sagar Kalias	BHILWARA	Asind	Banas	Khari	MINOR		25.687733	74.502485				0.99					187.00		Arwar Dam
1147	Dalel Sagar Asind	BHILWARA	Asind	Banas	Khari	MINOR		25.677512	74.359498				0.66					130.00		Arwar Dam
1164	Devi Sagar Devpura	BHILWARA	Asind	Banas	Khari	MINOR		25.688618	74.399755				0.42					85.00		Arwar Dam
1283	Khuman Sagar Barasa	BHILWARA	Asind	Banas	Khari	MINOR		25.762484	74.467228				0.85					117.00		Arwar Dam
1310	Mala Seri	BHILWARA	Asind	Banas	Khari	MINOR		25.714903	74.408504				0.24					45.00		Arwar Dam
1325	Motipura	BHILWARA	Asind	Banas	Khari	MINOR		25.709754	74.475057				1.13					217.00		Arwar Dam
1366	Phool Sagar Barsani	BHILWARA	Asind	Banas	Khari	MINOR		25.784628	74.449413				0.42					81.00		Arwar Dam
1133	Chater Sagar Kasosia	BHILWARA	Banera	Banas	Khari	MINOR		25.734651	74.695529				0.22					43.00		Arwar Dam
1134	Chater Sager Vijaipur	BHILWARA	Banera	Banas	Khari	MINOR		25.719431	74.692504				0.42					82.00		Arwar Dam
1431	Sawai Sagar Kasoria	BHILWARA	Banera	Banas	Khari	MINOR		25.722560	74.705054				0.25					35.00		Arwar Dam
1042	Agucha	BHILWARA	Hurda	Banas	Khari	MINOR	Old tank	25.829383	74.718618	5.80	6,016.00	4.53	4.53	-	13,400.00	4.36	1,113.00	890.00	518.00	Arwar Dam
1102	Barylias	BHILWARA	Hurda	Banas	Khari	MINOR		25.751909	74.487009				0.40					97.00		Arwar Dam
1111	Bhojras	BHILWARA	Hurda	Banas	Khari	MINOR		25.780647	74.690853				1.08					205.00		Arwar Dam
1209	Govind Sagar Kanwali	BHILWARA	Hurda	Banas	Khari	MINOR		25.743932	74.608912				0.40					75.00		Arwar Dam
1219	Hajiyas	BHILWARA	Hurda	Banas	Khari	MINOR		25.794558	74.489836				0.27					49.00		Arwar Dam
1228	Hiya Sagar Barathia	BHILWARA	Hurda	Banas	Khari	MINOR		25.778344	74.729984				0.65					124.00		Arwar Dam
1320	Modira	BHILWARA	Hurda	Banas	Khari	MINOR		25.818702	74.590414				1.05					200.00		Arwar Dam
1361	Panuria Sodar	BHILWARA	Hurda	Banas	Khari	MINOR		25.750903	74.535963				0.37					96.00		Arwar Dam
1368	Phutia bhagwan Pura	BHILWARA	Hurda	Banas	Khari	MINOR		25.792785	74.720041				0.99					188.00		Arwar Dam
1438	Telia Sagar (Sodar)	BHILWARA	Hurda	Banas	Khari	MINOR		25.721888	74.539232				0.54					102.00		Arwar Dam
1446	Tonkerwar	BHILWARA	Hurda	Banas	Khari	MINOR	Old tank	25.784661	74.569816	5.33	2,373.00	3.62	3.06	-	12,190.00	12.00	1,923.00	850.00	415.00	Arwar Dam
1457	Unkhalia	BHILWARA	Hurda	Banas	Khari	MINOR		25.819975	74.554356				0.51					97.00		Arwar Dam
1138	Chhota Arwar	BHILWARA	Shahpura	Banas	Khari	MINOR		25.824579	74.798622				0.17					32.00		Arwar Dam
	Project Catchment Total											**9.85**	**21.32**				**3,036.00**	**4,337.00**	**1,127.00**	
385	Bada Talab Sapnikheda	AJMER	Arain	Banas	Khari	Minor	State Time	25.907451	75.036240	3.65	1,980.00	0.41	0.41	NA	38.18	NA	68.82	38.40	58.70	Bisalpur
61	Bankey Sagar Sampla	AJMER	Arain	Banas	Khari	MINOR	State Time	25.905021	74.985636	4.57	1,200.00	0.68	0.68	NA	32.51	NA	138.00	97.10	77.70	Bisalpur
102	Chawanda Sagar Sarsari	AJMER	Arain	Banas	Khari	MINOR	State Time	25.962070	75.088099	3.20	1,770.00	0.14	0.14	NA	9.17	NA	20.23	20.30	20.24	Bisalpur
111	Daduliya Mevda Khurd	AJMER	Arain	Banas	Khari	MINOR		25.945193	75.042386				0.28					32.40		Bisalpur
144	Gopal Sagar Gopalpura	AJMER	Arain	Banas	Khari	MINOR	State Time	25.890733	75.011358	3.96	1,560.00	0.68	0.68	NA	51.62	NA	138.86	97.10	77.70	Bisalpur
145	Gopal Sagar Jalia	AJMER	Arain	Banas	Khari	MINOR	State Time	25.950078	75.000901	3.35	1,830.00	0.17	0.17	NA	22.64	NA	138.86	97.10	60.72	Bisalpur
157	Hanuman Sagar Sampla	AJMER	Arain	Banas	Khari	MINOR	State Time	25.918251	74.984787	3.65	960.00	0.68	0.68	NA	28.30	NA	138.86	97.10	77.70	Bisalpur
172	Jhala Sagar Sampla	AJMER	Arain	Banas	Khari	MINOR	State Time	25.911074	74.985622	3.65	1,050.00	0.18	0.17	NA	29.60	NA	22.28	22.00	22.26	Bisalpur
249	Moti Sagar Sampla	AJMER	Arain	Banas	Khari	MINOR	State Time	25.937220	75.017731	3.50	2,580.00	0.68	0.68	NA	62.26	NA	138.86	97.10	76.89	Bisalpur
3	Akhai Sagar Bagari	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.926982	74.790524	4.85	2,670.00	0.40	0.40	NA	52.33	NA	84.98	81.00	48.58	Bisalpur
18	Bada Talab Chapaneri	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.965490	74.821803	4.88	1,860.00	0.19	0.20	NA	47.06	NA	64.75	60.70	36.43	Bisalpur
21	Bada Talab Gudakalan	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.952152	74.879664	4.72	1,440.00	0.23	0.23	NA	42.87	NA	36.42	32.40	24.29	Bisalpur
27	Bada Talab Methaniya	AJMER	Bhinay	Banas	Khari	MINOR	State Time	26.049384	74.652491	3.35	510.00	0.29	0.28	NA	53.60	NA	84.98	80.90	60.72	Bisalpur
30	Bada Talab Nimbeda	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.975583	74.758659	4.27	1,680.00	0.34	0.34	NA	19.32	NA	141.64	137.60	48.58	Bisalpur
31	Bada Talab Padlia	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.969329	74.847464	4.27	1,680.00	0.45	0.45	NA	46.01	NA	145.69	141.60	64.77	Bisalpur
39	Bada Talab Singhawal	AJMER	Bhinay	Banas	Khari	MINOR		26.027182	74.676853				0.28					291.30		Bisalpur
393	Bhandariya Talab Singhawal	AJMER	Bhinay	Banas	Khari	Minor	State Time	26.037330	74.670985	3.96	1,110.00	0.44	0.44	NA	25.95	NA	170.00	170.00	40.58	Bisalpur
89	Bhison Sagar Jetpura	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.927255	74.940249	NA	NA	0.55	0.55	NA	22.64	NA	84.98	27.50	78.13	Bisalpur
94	Budia Talab Ratakot	AJMER	Bhinay	Banas	Khari	MINOR	State Time	26.056880	74.624156	3.05	1,500.00	0.28	0.28	NA	20.91	NA	52.61	49.00	40.58	Bisalpur
101	Chawand Sagar Chawandia	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.949519	74.906870	3.66	1,350.00	0.28	0.28	NA	25.78	NA	48.06	44.50	39.67	Bisalpur
113	Dand Talab Chapaneri	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.963813	74.833571	2.74	1,110.00	0.35	0.34	NA	12.65	NA	68.80	65.00	54.65	Bisalpur
117	Deh Sagar Badli	AJMER	Bhinay	Banas	Khari	MINOR	State time	25.951262	74.739000	NA	NA	2.97	2.97	NA	135.81	17.80	847.60	364.20	463.37	Bisalpur
118	Deva Sagar Kachriya	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.932276	74.927302	4.27	1,530.00	0.31	0.31	NA	26.60	NA	64.75	44.50	44.53	Bisalpur
121	Devi Sagar Jetpura	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.924529	74.929285	3.66	1,200.00	0.17	0.17	NA	29.40	NA	36.42	26.30	36.31	Bisalpur
147	Gopal Sagar Munidakhera	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.933879	74.843671	3.96	2,700.00	0.47	0.45	NA	96.22	NA	84.98	66.80	66.80	Bisalpur
150	Govind Sagar Kurthal	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.904311	74.899594	4.27	1,800.00	0.51	0.51	NA	55.01	NA	125.45	72.80	72.87	Bisalpur
159	Hindola Talab Ratakot	AJMER	Bhinay	Banas	Khari	MINOR	State Time	26.049038	74.616086	3.35	960.00	0.24	0.23	NA	49.80	NA	89.03	86.00	34.40	Bisalpur
175	Jhila Bhagwati Devila Kal	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.909519	74.766711	2.74	1,580.00	0.20	0.20	NA	25.95	NA	36.42	34.40	38.34	Bisalpur
193	Karani Sagar Hinolia	AJMER	Bhinay	Banas	Khari	MINOR	State Time	26.012500	74.662500	3.96	1,050.00	0.65	0.65	NA	76.46	NA	109.26	105.20	93.08	Bisalpur
200	Khamcha Talab Kerot	AJMER	Bhinay	Banas	Khari	MINOR		25.878355	74.932246				0.60					87.80		Bisalpur
240	Man Sagar Nandsi	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.938828	74.882196	3.66	1,800.00	0.48	0.48	NA	37.50	NA	89.03	80.90	38.82	Bisalpur
245	Mohabat Sagar Devaliya	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.904726	74.770989	3.66	1,050.00	0.18	0.17	NA	14.82	NA	36.42	32.40	24.29	Bisalpur
248	Moti Sagar Kerot	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.903134	74.935566	4.57	2,010.00	0.19	0.20	NA	29.80	NA	32.97	28.30	27.53	Bisalpur
258	Naya Talab Akelsingh	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.999463	74.717319	4.27	1,290.00	0.45	0.45	NA	33.28	NA	145.69	141.60	129.55	Bisalpur
270	Naya Talab Kerot	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.893530	74.938083	4.72	750.00	0.99	0.99	NA	41.09	NA	165.92	141.60	129.55	Bisalpur
277	Naya Talab Singhawal	AJMER	Bhinay	Banas	Khari	MINOR	State Time	26.035611	74.695634	3.50	810.00	0.28	0.28	NA	30.00	NA	89.06	89.00	80.97	Bisalpur
302	Puch Piplia Devaliya	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.917098	74.754169	3.96	2,627.00	0.57	0.57	NA	43.81	NA	97.12	89.00	80.97	Bisalpur
304	Raghunath Sagar Badalkher	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.956752	74.796650	3.96	1,620.00	0.31	0.31	NA	91.97	NA	93.07	89.00	52.63	Bisalpur
321	Ranjeet Sagar Nast	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.931397	74.876661	4.11	3,690.00	0.64	0.71	NA	42.56	NA	113.31	109.20	103.23	Bisalpur
334	Sadhu Sagar Parlia	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.982149	74.900413	4.57	1,275.00	0.20	0.20	NA	26.65	NA	44.52	40.50	29.14	Bisalpur
335	Sadul Sagar Khaheda	AJMER	Bhinay	Banas	Khari	MINOR	State Time	26.012075	74.683703	3.96	1,050.00	0.22	0.23	NA	19.15	NA	44.52	41.00	32.38	Bisalpur

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
350	Shiv Sagar Chapaner	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.957683	74.833507	5.08	2,670.00	0.64	0.62	NA	46.46	NA	32.28	121.40	29.15	Bisalpur
362	Stalao Talab Akelsingh	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.989582	74.718297	4.57	1,050.00	0.18	0.18	NA	37.21	NA	24.29	24.00	20.24	Bisalpur
381	Vijay Sagar Khedi	AJMER	Bhinay	Banas	Khari	MINOR	State Time	25.893557	74.821836	4.42	3,000.00	0.34	0.28	NA	37.49	NA	56.65	40.50	40.48	Bisalpur
14	Bada Talab Aloli	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.792872	75.124921	4.26	1,860.00	0.71	1.70	NA	51.62	NA	98.78	310.00	98.78	Bisalpur
25	Bada Talab Khera	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.920257	75.155664	3.35	3,090.00	0.28	0.28	NA	45.00	NA	38.46	38.40	38.46	Bisalpur
28	Bada Talab Molkiya	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.925854	75.198611	3.35	1,800.00	0.27	0.25	NA	20.94	NA	38.46	38.40	38.46	Bisalpur
59	Bandi Talab Nakikakhed	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.935954	75.184176	3.35	1,350.00	0.25	0.26	NA	13.05	NA	39.27	38.80	39.27	Bisalpur
69	Basundani Project	AJMER	Kekri	Banas	Khari	MINOR	1980-81	25.716446	75.109291	7.50	7.50	8.92	8.36	4,591.00	1,240.00	6.33	1,395.40	1,375.60	825.51	Bisalpur
71	Bechla Tank Nimod	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.906534	75.124083	3.50	1,155.00	0.26	0.25	NA	55.52	NA	37.24	37.20	37.24	Bisalpur
97	Chandani Behramwas	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.862500	75.037500	3.81	1,860.00	0.42	0.42	NA	75.70	2.89	60.72	37.00	60.72	Bisalpur
108	Chotta Talab Mandha	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.961106	75.166397	3.65	1,500.00	0.33	0.31	NA	46.70	NA	40.89	40.90	40.89	Bisalpur
109	Chotta Talab Molkiya	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.925900	75.181067	3.65	1,500.00	0.31	0.31	NA	35.17	3.05	44.53	44.50	44.53	Bisalpur
153	Gundalao Talab	AJMER	Kekri	Banas	Khari	MINOR		25.974295	75.179809	17.00	501.00	0.20	0.20		67.52	2.44	29.00	26.70	23.00	Bisalpur
186	Kalyani Sagar Fakriya	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.875000	75.141667	3.35	2,700.00	0.79	0.79	NA	38.06	NA	114.57	114.50	114.57	Bisalpur
188	Kandelav Talab Naikakheda	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.938859	75.127043	3.35	2,320.00	0.35	0.35	NA	33.99	2.44	NA	49.80	49.79	Bisalpur
189	Kankeria Talab Chatyali	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.795105	75.237142	4.11	1,950.00	0.40	0.38	NA	51.87	0.88	54.25	54.20	54.25	Bisalpur
212	Kishan Sagar Khewas	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.840843	75.064761	3.20	1,560.00	0.31	0.28	NA	22.64	2.55	38.46	38.40	38.46	Bisalpur
228	Lodkiya Talab Gordha	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.725514	75.118546	3.58	1,290.00	0.20	0.20	NA	19.13	2.86	23.88	27.10	23.84	Bisalpur
231	Macholav Talab Kekri	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.948055	75.132328	4.57	1,800.00	0.44	0.44	NA	50.32	1.52	65.56	59.10	50.20	Bisalpur
247	Morda Talab Kachariya	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.850534	75.038713	4.26	2,220.00	0.28	0.28	NA	45.00	NA	40.89	41.00	40.89	Bisalpur
252	Naharsagar Piplaj	AJMER	Kekri	Banas	Khari	MINOR	2005-06	25.743506	75.085105	NA	NA	4.51	4.10	NA	1,190.80	7.05	1,164.00	894.30	468.00	Bisalpur
265	Naya Talab Gulgaon	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.837333	75.157432	3.50	2,190.00	0.20	0.20	NA	54.17	4.11	24.38	24.30	42.28	Bisalpur
268	Naya Talab Kaleda	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.910175	75.201212	3.65	1,755.00	0.42	0.42	NA	35.17	NA	62.75	62.70	62.75	Bisalpur
275	Naya Talab Sadara	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.804558	75.160811	3.05	2,095.00	0.38	0.35	NA	46.35	NA	120.19	84.20	46.15	Bisalpur
279	Neel Ki Nadi Kekri	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.971250	75.149317	3.96	1,650.00	0.18	0.17	NA	40.72	NA	40.48	40.50	40.48	Bisalpur
284	Para Bund-II	AJMER	Kekri	Banas	Khari	MINOR	1964-65	25.861429	75.127211	NA	NA	4.04	3.81	NA	345.26		1,192.60	962.10	572.64	Bisalpur
285	Para Bund-I	AJMER	Kekri	Banas	Khari	MINOR	1962-63	25.892012	75.171464	NA	NA	4.44	4.16	NA	341.27	3.00	1,073.70	942.30	566.44	Bisalpur
297	Piplaj	AJMER	Kekri	Banas	Khari	MINOR		25.739940	75.106339				4.52					894.00		Bisalpur
322	Ranjeet Sagar Pranhara	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.892263	75.054795	4.11	2,580.00	1.23	1.13	NA	148.97	3.00	259.80	231.40	161.88	Bisalpur
337	Sakal Sagar Khewas	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.854802	75.106067	3.50	1,380.00	0.45	0.50	NA	38.06	1.65	21.05	21.00	21.05	Bisalpur
348	Shesh Sagar Khewas	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.849257	75.076221	3.65	2,580.00	0.62	0.62	NA	33.53	4.80	89.06	89.00	89.06	Bisalpur
356	Shiv Sagar Uagamkhera	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.933299	75.085280	3.20	1,871.00	0.16	0.17	NA	22.64	3.10	NA	22.70	22.67	Bisalpur
359	Sitolav Sankeria	AJMER	Kekri	Banas	Khari	MINOR	State Time	25.822675	75.119563	3.81	1,650.00	0.42	0.42	NA	45.00	2.10	21.05	52.00	21.05	Bisalpur
19	Bada Talab Dolatpura	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.015353	74.604104	3.66	1,500.00	0.30	0.28	NA	136.20	3.00	54.00	52.60	42.91	Bisalpur
36	Bada Talab Sathana	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.977959	74.607174	4.72	2,640.00	1.19	1.19	NA	182.62	3.42	180.00	174.00	161.88	Bisalpur
384	Bahadur Sagar Bahadurpura	AJMER	Masuda	Banas	Khari	Minor	State Time	25.996341	74.581880				0.20					36.40		Bisalpur
46	Bahadur Sagar Ramgarh	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.989701	74.461482	3.70	1,500.00	0.34	0.40	NA	36.78	5.40	52.00	50.50	40.58	Bisalpur
48	Baktawar Sagar Shergarh	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.061555	74.542943	3.35	1,200.00	0.17	0.17	NA	155.80	1.50	44.00	40.00	16.19	Bisalpur
51	Bala Sagar Dolatpura	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.007656	74.580932	3.66	1,200.00	0.19	0.20	NA	34.21	1.20	36.00	33.60	27.12	Bisalpur
73	Bhadoor Sagar Dolatpura	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.011688	74.591226	3.96	1,500.00	0.20	0.20	NA	136.20	0.78	40.00	36.40	28.34	Bisalpur
87	Bheru Sagar Sathana	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.968128	74.624185	4.11	1,470.00	0.31	0.42	NA	57.90	3.75	56.00	54.60	44.53	Bisalpur
122	Devi Sagar Khempura	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.079167	74.434167	5.79	435.00	0.17	0.20	NA	45.42	6.87	30.00	32.40	24.29	Bisalpur
136	Fateh Sagar Marayala	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.074806	74.594746	3.96	1,605.00	0.28	0.28	NA	61.78	2.10	52.00	50.60	40.48	Bisalpur
146	Gopal Sagar Masuda	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.085776	74.510108	3.66	1,371.00	0.17	0.17	NA	35.56	2.30	28.34	28.30	22.67	Bisalpur
171	Jawallia Talab Shyamgarh	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.095833	74.458333	2.74	84.00	0.28	0.28	NA	21.43	1.15	82.00	66.40	36.43	Bisalpur
184	Kala Talab Shergarh	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.075643	74.570500	3.50	2,400.00	0.24	0.23	NA	101.37	1.77	44.53	41.00	34.41	Bisalpur
205	Khatolia Talab Shyamgarh	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.107352	74.434498	5.18	450.00	0.27	0.30	NA	36.92	3.75	82.40	66.40	38.86	Bisalpur
207	Kheda Talab Bhagwanpura	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.073076	74.540703	3.35	1,650.00	0.17	0.17	NA	29.61	3.99	78.00	76.90	20.24	Bisalpur
222	Lamba Talab Kalyanpura	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.994661	74.541876	3.35	1,710.00	0.17	0.17	NA	65.15	NA	32.28	32.40	24.29	Bisalpur
224	Lardi Irrigation Project	AJMER	Masuda	Banas	Khari	MINOR		26.027406	74.529370				4.46					1,156.10		Bisalpur
237	Man Ghati Kitap	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.181353	74.528204	5.71	78.00	0.42	0.42	NA	37.09	3.17	32.00	30.40	24.29	Bisalpur
253	Nand Sagar Nandwara	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.035847	74.472097	3.81	945.00	1.26	1.25	NA	89.51	9.87	280.00	242.80	180.09	Bisalpur
261	Naya Talab Bhiwana	AJMER	Masuda	Banas	Khari	MINOR		26.000483	74.404909	NA	797.00	32.96	0.20	NA	2,236.00	3.22	379.00	42.00	134.00	Bisalpur
280	Neem Sagar Shivpuri	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.011356	74.475510	3.81	1,950.00	0.71	0.71	NA	65.38	1.75	128.00	126.20	101.18	Bisalpur
299	Pratap Sagar Kelu	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.010449	74.518218	3.66	1,041.00	0.20	0.20	NA	18.06	1.17	38.00	36.40	28.33	Bisalpur
305	Rai Sagar Shikhani	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.952904	74.659751	3.96	3,780.00	0.23	0.23	NA	178.31	5.64	50.00	44.50	32.38	Bisalpur
326	Ratan Sagar Masuda	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.106240	74.494751	4.42	2,100.00	0.36	0.37	NA	85.40	3.36	64.00	61.00	51.41	Bisalpur
342	Semati Tank Rewas	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.979418	74.402503	5.79	1,320.00	1.61	0.62	NA	153.93	9.96	228.00	202.30	202.35	Bisalpur
351	Shiv Sagar Lamba	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.051410	74.593461	4.27	1,260.00	0.31	0.31	NA	66.57	3.78	60.00	57.00	44.53	Bisalpur
355	Shiv Sagar Shivnagar	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.947346	74.449278	3.96	1,200.00	0.16	0.20	NA	26.00	2.91	50.00	48.60	22.26	Bisalpur
371	Swaroop Sagar Shivpuri	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.001259	74.491961	3.35	1,380.00	0.34	0.34	NA	44.57	4.14	62.00	61.00	48.58	Bisalpur
383	Vijay Sagar Shivpura	AJMER	Masuda	Banas	Khari	MINOR	State Time	26.040328	74.502835	4.72	1,149.00	0.40	0.40	NA	111.65	6.90	72.00	71.00	56.65	Bisalpur
1058	Arjun Sagar Marawda	BHILWARA	Asind	Banas	Khari	MINOR		25.755828	74.336634				0.27					52.00		Bisalpur
1079	Bajunda	BHILWARA	Asind	Banas	Khari	MINOR		25.775872	74.269386				0.18					32.00		Bisalpur
1084	Bani Sagar Jodhgarh	BHILWARA	Asind	Banas	Khari	MINOR		25.841798	74.416470				0.40					75.00		Bisalpur
1092	Bathera	BHILWARA	Asind	Banas	Khari	MINOR		25.732190	74.371922				0.24					80.00		Bisalpur
1135	Chaterbhkuj (Sagar Rag	BHILWARA	Asind	Banas	Khari	MINOR	Old tank	25.675049	74.291093	6.10	848.00	2.80	2.80	-	6,120.00	7.00	526.00	481.00	321.00	Bisalpur

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1184	Duleh Sagar Dhulepur	BHILWARA	Asind	Banas	Khari	MINOR		25.712792	74.339439				0.25					46.00		Bisalpur
1191	Gadwai	BHILWARA	Asind	Banas	Khari	MINOR		25.754149	74.239938				0.17					47.00		Bisalpur
1200	Girdhar Sagar Sapola	BHILWARA	Asind	Banas	Khari	MINOR		25.719308	74.348867				0.28					43.00		Bisalpur
1461	Girdharsagar Bherukhera	BHILWARA	Asind	Banas	Khari	Minor		25.737833	74.314334				0.23					64.78		Bisalpur
1201	Gjopal Sagar Asind	BHILWARA	Asind	Banas	Khari	MINOR		25.768537	74.231527				1.19					164.00		Bisalpur
1207	Govind Pura	BHILWARA	Asind	Banas	Khari	MINOR		25.930380	74.363496				0.10					45.00		Bisalpur
1212	Gul Khera	BHILWARA	Asind	Banas	Khari	MINOR		25.804655	74.367645				0.23					43.00		Bisalpur
1213	Gulab Sagar Lachuda	BHILWARA	Asind	Banas	Khari	MINOR		25.847384	74.382245				0.40					75.00		Bisalpur
1215	Gulab Sagar Rampura	BHILWARA	Asind	Banas	Khari	MINOR		25.936108	74.403571				0.30					75.00		Bisalpur
1485	Gulabsagar Khaso Ka Kheda	BHILWARA	Asind	Banas	Khari	Minor		25.850137	74.498597				0.17					32.39		Bisalpur
1221	Hatand	BHILWARA	Asind	Banas	Khari	MINOR		25.776504	74.379572				0.28					53.00		Bisalpur
1463	Jogidara	BHILWARA	Asind	Banas	Khari	Minor		25.888957	74.347046				0.27					52.00		Bisalpur
1250	Jogidhara Ojiyara	BHILWARA	Asind	Banas	Khari	MINOR		25.879363	74.348766				0.12					49.00		Bisalpur
1462	Kantalia	BHILWARA	Asind	Banas	Khari	Minor		25.750166	74.198426				0.91					189.47		Bisalpur
1277	Khatola	BHILWARA	Asind	Banas	Khari	MINOR		25.755260	74.382065				0.34					53.00		Bisalpur
1278	Khatola Bhojpura	BHILWARA	Asind	Banas	Khari	MINOR		25.785150	74.265352				0.51					70.00		Bisalpur
1295	Lamba Patan	BHILWARA	Asind	Banas	Khari	MINOR		25.893184	74.376580				0.52					73.00		Bisalpur
1316	Megh Sagar Motras	BHILWARA	Asind	Banas	Khari	MINOR		25.869129	74.404654				0.23					44.00		Bisalpur
1347	Nagdia Guda	BHILWARA	Asind	Banas	Khari	MINOR		25.664336	74.299018				0.50					113.00		Bisalpur
1335	Naval Sagar Kurcho	BHILWARA	Asind	Banas	Khari	MINOR		25.951959	74.376947				0.26					49.00		Bisalpur
1345	Nayla	BHILWARA	Asind	Banas	Khari	MINOR		25.832756	74.298588				0.23					43.00		Bisalpur
1362	Patan (Deo Sagar)	BHILWARA	Asind	Banas	Khari	MINOR	1956	25.914987	74.363914				6.85					1,745.00		Bisalpur
1413	Shambhu Garh Tarola	BHILWARA	Asind	Banas	Khari	MINOR		25.805221	74.413378				1.51					239.00		Bisalpur
1416	Shiv Sagar Akarsad	BHILWARA	Asind	Banas	Khari	MINOR		25.840005	74.392747				0.54					77.00		Bisalpur
1454	Unda Motras	BHILWARA	Asind	Banas	Khari	MINOR		25.885655	74.413715				0.62					101.00		Bisalpur
1455	Unda Patan	BHILWARA	Asind	Banas	Khari	MINOR		25.903924	74.376294				0.18					32.00		Bisalpur
1154	Dantra	BHILWARA	Hurda	Banas	Khari	MINOR		25.821446	74.475809				0.93					178.00		Bisalpur
1230	Inani Khera	BHILWARA	Hurda	Banas	Khari	MINOR		25.860358	74.535081				0.60					81.00		Bisalpur
1237	Jalampura	BHILWARA	Hurda	Banas	Khari	MINOR		25.825256	74.526588				0.53					102.00		Bisalpur
1280	Khera Palola	BHILWARA	Hurda	Banas	Khari	MINOR		25.901324	74.736487				0.65					82.00		Bisalpur
1288	Kotri	BHILWARA	Hurda	Banas	Khari	MINOR		25.881743	74.735351				1.22					152.00		Bisalpur
1192	Gajuna	BHILWARA	Mandal	Banas	Khari	MINOR		25.712210	74.149701				0.57					86.00		Bisalpur
1351	Niwla	BHILWARA	Mandal	Banas	Khari	MINOR		25.702825	74.090808				0.17					32.00		Bisalpur
1053	Amli Bareth	BHILWARA	Shahpura	Banas	Khari	MINOR		25.751168	74.998179				0.47					89.00		Bisalpur
1060	Armi	BHILWARA	Shahpura	Banas	Khari	MINOR		25.581487	74.933333				0.08					38.00		Bisalpur
1062	Arnia Rasa	BHILWARA	Shahpura	Banas	Khari	MINOR		25.565667	74.944111				0.28					59.00		Bisalpur
1067	Bachh Khera	BHILWARA	Shahpura	Banas	Khari	MINOR		25.711767	75.018066				0.23					43.00		Bisalpur
1096	Baragarh	BHILWARA	Shahpura	Banas	Khari	MINOR		25.622117	74.945492				0.16					32.00		Bisalpur
1090	Baseda	BHILWARA	Shahpura	Banas	Khari	MINOR	State Time	25.750677	75.034551				0.47					90.00		Bisalpur
1149	Dand Talab Piplaj	BHILWARA	Shahpura	Banas	Khari	MINOR	State Time	25.736651	75.067124	3.65	3,300.00	0.36	0.35	NA	53.14	4.66	28.34	28.30	28.34	Bisalpur
1157	Debla Kachara	BHILWARA	Shahpura	Banas	Khari	MINOR		25.598666	74.947679				0.17					64.00		Bisalpur
1169	Dhand Bhachh Khera	BHILWARA	Shahpura	Banas	Khari	MINOR		25.725983	75.015122				0.20					27.00		Bisalpur
1173	Dhanop	BHILWARA	Shahpura	Banas	Khari	MINOR		25.866260	74.888450				0.23					43.00		Bisalpur
1180	Dhora	BHILWARA	Shahpura	Banas	Khari	MINOR		25.600982	74.910759				0.16					30.00		Bisalpur
1217	Gundly	BHILWARA	Shahpura	Banas	Khari	MINOR		25.629039	74.922590				0.22					42.00		Bisalpur
1225	Heera Sagar	BHILWARA	Shahpura	Banas	Khari	MINOR		25.632023	74.900941				0.13					25.00		Bisalpur
1229	Hukampura	BHILWARA	Shahpura	Banas	Khari	MINOR		25.810727	74.905411				0.25					48.00		Bisalpur
1241	Jar Jhorla Kadera	BHILWARA	Shahpura	Banas	Khari	MINOR	State Time	25.814659	75.013880	3.35	1,950.00	0.45	0.17	NA	38.06	NA	22.28	22.30	22.26	Bisalpur
1284	Kishan Sager Dev Ji ka	BHILWARA	Shahpura	Banas	Khari	MINOR		25.608442	74.967667				0.14					27.00		Bisalpur
1301	Lasodia(b)	BHILWARA	Shahpura	Banas	Khari	MINOR		25.688841	75.065842				0.30					61.00		Bisalpur
1344	Naya Talab Shahpura	BHILWARA	Shahpura	Banas	Khari	MINOR		25.645572	74.933242				0.08					19.00		Bisalpur
1359	Panotia	BHILWARA	Shahpura	Banas	Khari	MINOR		25.813312	74.824034				0.23					43.00		Bisalpur
1378	Rahed	BHILWARA	Shahpura	Banas	Khari	MINOR		25.701387	74.963372				0.92					176.00		Bisalpur
1400	Sangeria	BHILWARA	Shahpura	Banas	Khari	MINOR		25.846400	74.843776				0.62					118.00		Bisalpur
1424	Sopura	BHILWARA	Shahpura	Banas	Khari	MINOR		25.604917	74.872298				0.34					57.00		Bisalpur
1429	Surli	BHILWARA	Shahpura	Banas	Khari	MINOR		25.659332	74.930262				0.13					25.00		Bisalpur
1436	Taswaria	BHILWARA	Shahpura	Banas	Khari	MINOR		25.651354	75.069139				0.23					43.00		Bisalpur
1447	Topa mataji ka Khera	BHILWARA	Shahpura	Banas	Khari	MINOR		25.681963	74.950433				0.26					80.00		Bisalpur
2735	Ajit Garh Rapat	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.766813	74.144762				0.26					37.18		Bisalpur
2736	Ajit Garh Tank	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.785705	74.148821				0.28					71.00		Bisalpur
2738	Bada Talab	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.724610	74.136098				0.09					12.87	Banas	Bisalpur
2742	Bar Tank	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.902918	74.302455				0.42					67.00		Bisalpur
2747	Bhim Rapat	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.732075	74.094273				0.20					28.60		Bisalpur
2748	Bhim Tank	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.740369	74.086673				2.16					425.00		Bisalpur
2749	Bhopalsagar	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.726179	74.123952				2.65					506.00		Bisalpur
2756	Dabia	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.943669	74.338033				0.51					101.00		Bisalpur
2758	Deheria	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.746030	74.170755				0.10					14.30		Bisalpur

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2760	Devi Sagar	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.778447	74.109881				0.45					91.00		Bisalpur
2776	Kadia Deh	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.732027	74.137488				1.30					189.00		Bisalpur
2779	Kakeria Rapat	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.768969	74.164558				1.42					267.00		Bisalpur
2785	Khara Wala	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.696611	74.060239				0.44					106.00		Bisalpur
2792	Lal pura	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.786697	74.173723				0.31					61.00		Bisalpur
2794	Laxmi Sagar	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.715778	74.062254				0.42					80.00		Bisalpur
2803	Moda kakar	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.713390	74.080891				0.46					136.00		Bisalpur
2810	Phool Sagar	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.685123	74.066699				0.22					59.00		Bisalpur
2811	Phutel	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.718664	74.090118				0.22					69.00		Bisalpur
2812	Rajwa Rapat	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.878269	74.234777				0.22					32.00		Bisalpur
2823	Semlia (Samiche wala)	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.742560	74.162118				0.04					5.72		Bisalpur
2824	Sopura Asan Ali	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.901417	74.280369				0.18					89.00		Bisalpur
2828	Tejar Lai	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.737686	74.145342				0.03					4.29		Bisalpur
3014	AsolaoAsolaoAsolao	TONK	Deoli	Banas	Khari	MINOR	old	25.930523	75.283294	3.96	1,472.00	0.28	0.28	0.07	950.00	Small W.Course	80.97	51.00	36.43	Bisalpur
3081	Kalyan Sagar	TONK	Deoli	Banas	Khari	MINOR	old	25.928839	75.264421	3.96	1,760.00	0.37	0.37	0.09	1,386.00	3.06	151.82	91.00	60.72	Bisalpur
3100	Man Sagar Arniya	TONK	Deoli	Banas	Khari	MINOR	old	25.901623	75.256216	3.80	1.83	1.64	1.64	8.28	25.00	3.69	587.00	463.00	234.82	Bisalpur
3120	Panduria	TONK	Deoli	Banas	Khari	MINOR	old	25.887774	75.265343	3.28	914.00	0.14	0.15	0.09	514.00	0.61	68.82	20.20	20.24	Bisalpur
	Project Catchment Total											**99.83**	**117.31**				**14,275.64**	**22,937.80**	**8,663.91**	
1072	Bada Talab Mapliyas	BHILWARA	Asind	Banas	Khari	MINOR		25.671001	74.252440				1.19					191.00		Khari Dam
1460	Dhunwala Karea	BHILWARA	Mandal	Banas	Khari	Minor		25.588562	74.108506	NA	NA	NA	0.57	NA	NA	2.50	NA	107.69	NA	Khari Dam
1204	Gordhanpura	BHILWARA	Mandal	Banas	Khari	MINOR		25.601929	74.188131				0.40					81.00		Khari Dam
1382	Ranjeet Sagar	BHILWARA	Mandal	Banas	Khari	MINOR		25.656239	74.136086				0.40					73.00		Khari Dam
1442	Tikha	BHILWARA	Mandal	Banas	Khari	MINOR		25.635285	74.216884				0.21					53.00		Khari Dam
2739	Baggar	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.602772	73.900260				0.67					150.00		Khari Dam
2743	Barjal	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.490774	73.860647				0.46					101.00		Khari Dam
2751	Chapli	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.467340	73.862525				0.53					158.00		Khari Dam
2757	Dadi Rapat	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.660530	74.033410				0.32					192.00		Khari Dam
2790	Kushal Pura	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.670923	74.043314				0.24					49.00		Khari Dam
2791	Lakha Guda	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.627819	73.931849				0.59					69.00		Khari Dam
2802	Miyala	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.641323	73.955123				0.80					137.00		Khari Dam
2806	Nadi Nala	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.664883	74.000568				1.10					137.00		Khari Dam
2807	Navlia pag	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.455422	73.856737				0.14					26.00		Khari Dam
2819	Sangawas	RAJSAMAND	Bhim	Banas	Khari	MINOR		25.599931	73.978846				0.80					149.00		Khari Dam
2740	Baniahatri	RAJSAMAND	Deogarh	Banas	Khari	MINOR		25.581758	74.046745				0.26					58.00		Khari Dam
2765	Ghati	RAJSAMAND	Deogarh	Banas	Khari	MINOR		25.573364	73.987953				0.22					47.00		Khari Dam
2771	Heera ka Khera	RAJSAMAND	Deogarh	Banas	Khari	MINOR		25.510737	73.899192				0.17					30.00		Khari Dam
2780	Kala Bhala	RAJSAMAND	Deogarh	Banas	Khari	MINOR		25.618493	74.055368				4.05					609.00		Khari Dam
2787	Kundeli	RAJSAMAND	Deogarh	Banas	Khari	MINOR		25.512721	73.930540				5.49					1,079.00		Khari Dam
2798	Mansarowar	RAJSAMAND	Deogarh	Banas	Khari	MINOR		25.551915	73.930479				1.11					252.00		Khari Dam
2815	Rupa Rail	RAJSAMAND	Deogarh	Banas	Khari	MINOR		25.514189	73.951887				0.18					29.00		Khari Dam
2832	Sangawas	RAJSAMAND	Deogarh	Banas	Khari	Minor		25.584624	73.927872				0.80					149.00		Khari Dam
	Project Catchment Total											-	**20.70**				-	**3,926.69**	-	
1054	Anoop Sagar Raila	BHILWARA	Banera	Banas	Khari	MINOR		25.623179	74.620244				1.20					249.00		Nahar Sagar
1082	Balwant Sagar Kundia	BHILWARA	Banera	Banas	Khari	MINOR		25.678313	74.693171				0.34					68.00		Nahar Sagar
1097	Bhadolai Musa	BHILWARA	Banera	Banas	Khari	MINOR		25.632513	74.732465				0.54					102.00		Nahar Sagar
1136	Chatri Ka Talab Lamt	BHILWARA	Banera	Banas	Khari	MINOR		25.615009	74.607157				0.16					38.00		Nahar Sagar
1163	Dev Sagar Kundia	BHILWARA	Banera	Banas	Khari	MINOR		25.671887	74.674370				0.50					61.00		Nahar Sagar
1203	Gora ka Khera	BHILWARA	Banera	Banas	Khari	MINOR		25.654878	74.649157				0.65					123.00		Nahar Sagar
1208	Govind Sagar Amarga	BHILWARA	Banera	Banas	Khari	MINOR		25.638910	74.749035				0.32					59.00		Nahar Sagar
1234	Jagat Sager Garta	BHILWARA	Banera	Banas	Khari	MINOR		25.698202	74.758123				0.34					48.00		Nahar Sagar
1240	Jalia	BHILWARA	Banera	Banas	Khari	MINOR	1992	25.668146	74.710131	5.14	3,220.00	2.67	2.12	2.00	27,853.00	7.62	545.00	463.00	304.00	Nahar Sagar
1243	Jawasia	BHILWARA	Banera	Banas	Khari	MINOR		25.596809	74.640088				2.00					267.00		Nahar Sagar
1473	Jhantal	BHILWARA	Banera	Banas	Khari	Minor		25.646011	74.747210				0.74					133.20		Nahar Sagar
1276	Khatola badi kundia	BHILWARA	Banera	Banas	Khari	MINOR		25.697530	74.666627	3.50	1,950.00	0.37	0.38	NA	35.66	2.89	46.96	72.00	46.96	Nahar Sagar
1319	Moda Musha	BHILWARA	Banera	Banas	Khari	MINOR		25.640025	74.768993				0.44					85.00		Nahar Sagar
1333	Natholai Raila	BHILWARA	Banera	Banas	Khari	MINOR		25.646711	74.611799				0.85					162.00		Nahar Sagar
1339	Naya Talab Badi Kundia	BHILWARA	Banera	Banas	Khari	MINOR		25.704222	74.674778				0.30					57.00		Nahar Sagar
1340	Naya Talab Lambia	BHILWARA	Banera	Banas	Khari	MINOR		25.590884	74.604650				0.30					38.00		Nahar Sagar
1341	Naya Talab Lambiya	BHILWARA	Banera	Banas	Khari	MINOR		25.606718	74.603792				0.20					38.00		Nahar Sagar
1342	Naya Talab Megras	BHILWARA	Banera	Banas	Khari	MINOR		25.605914	74.687226				0.62					124.00		Nahar Sagar
1350	Nimbahera Tank	BHILWARA	Banera	Banas	Khari	MINOR		25.652595	74.701437				0.30					62.00		Nahar Sagar
1355	Pachgolai	BHILWARA	Banera	Banas	Khari	MINOR		25.652819	74.672260				0.65					117.00		Nahar Sagar
1367	Phoolia Khurd	BHILWARA	Banera	Banas	Khari	MINOR		25.603737	74.785963				0.22					121.00		Nahar Sagar
1406	Sargola	BHILWARA	Banera	Banas	Khari	MINOR		25.674608	74.685409				1.02					198.00		Nahar Sagar
1419	Shiv Sagar Upreda	BHILWARA	Banera	Banas	Khari	MINOR		25.585753	74.743167				0.14					27.00		Nahar Sagar
1422	Somsiyas	BHILWARA	Banera	Banas	Khari	MINOR		25.609970	74.671247				0.70					124.00		Nahar Sagar

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1449	Udai Sagar Mushi	BHILWARA	Banera	Banas	Khari	MINOR		25.607126	74.749270				0.90					254.00		Nahar Sagar
1051	Amartia	BHILWARA	Shahpura	Banas	Khari	MINOR		25.747969	74.875840				0.17					32.00		Nahar Sagar
1069	Bada Talab Borda	BHILWARA	Shahpura	Banas	Khari	MINOR		25.643454	74.826798				0.28					53.00		Nahar Sagar
1071	Bada Talab Delas	BHILWARA	Shahpura	Banas	Khari	MINOR		25.716875	74.863573				0.25					48.00		Nahar Sagar
1074	Bada Talab Rooppura	BHILWARA	Shahpura	Banas	Khari	MINOR		25.682103	74.845130				0.48					92.00		Nahar Sagar
1139	Chhoti Dholai Borda	BHILWARA	Shahpura	Banas	Khari	MINOR		25.643419	74.811987				0.26					61.00		Nahar Sagar
1144	Chotisiya	BHILWARA	Shahpura	Banas	Khari	MINOR		25.627783	74.868197				1.04					175.00		Nahar Sagar
1469	Deori Nalla	BHILWARA	Shahpura	Banas	Khari	Minor		25.675551	74.793131				1.10					308.00		Nahar Sagar
1165	Devi Sagar Kanechan	BHILWARA	Shahpura	Banas	Khari	MINOR		25.738482	74.876518				0.79					149.00		Nahar Sagar
1196	Ganeshpura(b)	BHILWARA	Shahpura	Banas	Khari	MINOR		25.747257	74.865692				0.24					49.00		Nahar Sagar
1205	Gerdiwala Sardarpura	BHILWARA	Shahpura	Banas	Khari	MINOR		25.747732	74.932035				0.11					22.00		Nahar Sagar
1261	Kanechan Khurd	BHILWARA	Shahpura	Banas	Khari	MINOR		25.691237	74.847814				0.25					48.00		Nahar Sagar
1269	Kashipuria	BHILWARA	Shahpura	Banas	Khari	MINOR		25.752753	74.809849				0.08					16.00		Nahar Sagar
1311	Malam Sagar Kanecha	BHILWARA	Shahpura	Banas	Khari	MINOR		25.730389	74.880174				0.40					77.00		Nahar Sagar
1349	Nimbahera	BHILWARA	Shahpura	Banas	Khari	MINOR		25.644839	74.845606				0.32					48.00		Nahar Sagar
1363	Patel Ki Nadi	BHILWARA	Shahpura	Banas	Khari	MINOR		25.761671	74.865988				0.22					41.00		Nahar Sagar
1397	Samelia	BHILWARA	Shahpura	Banas	Khari	MINOR		25.665392	74.796377				0.51					79.00		Nahar Sagar
1450	Udai Sagar Tehnal	BHILWARA	Shahpura	Banas	Khari	MINOR		25.670093	74.850270				0.25					44.00		Nahar Sagar
	Project Catchment Total											**3.04**	**22.68**				**591.96**	**4,432.20**	**350.96**	
85	Bheru Sagar Bherukhera	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.951336	74.522134	4.11	1,650.00	0.28	0.28	NA	37.37	5.40	52.00	51.00	40.48	Narain Sagar Jalia IInd
123	Devi Sagar Ramgarh	AJMER	Masuda	Banas	Khari	MINOR	State Time	25.966639	74.485058	5.03	645.00	0.37	0.37	NA	70.17	8.28	104.00	101.20	52.61	Narain Sagar Jalia IInd
	Project Catchment Total											**0.65**	**0.65**				**156.00**	**152.20**	**93.09**	
1048	Amar Sagar (nimbahe)	BHILWARA	Asind	Banas	Khari	MINOR		25.574124	74.474862				0.19					121.00		Sareri Dam
1056	Arjun Sagar Asind	BHILWARA	Asind	Banas	Khari	MINOR	Old tank	25.635520	74.388202	4.87	2,846.00	0.28	0.27	-	2,240.00	1.50		36.00	31.98	Sareri Dam
1066	B.K.Sareri	BHILWARA	Asind	Banas	Khari	MINOR	1961	25.633783	74.417961	8.50	2,609.00	2.66	2.60	-	9,240.00	5.37	587.00	526.00	298.00	Sareri Dam
1468	Bhomlia	BHILWARA	Asind	Banas	Khari	Minor		25.660595	74.529097				0.50					136.44		Sareri Dam
1115	Bhopal Sagar(Dhuwal)	BHILWARA	Asind	Banas	Khari	MINOR		25.511652	74.395677				0.51					162.00		Sareri Dam
1117	Bijetha	BHILWARA	Asind	Banas	Khari	MINOR		25.599732	74.347478	7.53	1,340.00	1.59	0.70	0.10	154.00	3.60	387.00	202.00	136.00	Sareri Dam
1130	Chanarbhuj Sagar Lad	BHILWARA	Asind	Banas	Khari	MINOR		25.611686	74.352118				0.42					216.00		Sareri Dam
1166	Devi Sagar Nimbahera	BHILWARA	Asind	Banas	Khari	MINOR		25.580484	74.485144				0.38					73.00		Sareri Dam
1170	Dhand Kalias	BHILWARA	Asind	Banas	Khari	MINOR		25.674576	74.502927				0.25					49.00		Sareri Dam
1178	Dholaria Gageria	BHILWARA	Asind	Banas	Khari	MINOR	Old tank	25.526757	74.521752	4.57	1,614.00	1.64	1.00	-	3,450.00	4.30	-	313.00	188.00	Sareri Dam
1185	Dulesh Sagar Mal Ka	BHILWARA	Asind	Banas	Khari	MINOR		25.619086	74.440352				0.51					98.00		Sareri Dam
1190	Fatehsagar Tiloli	BHILWARA	Asind	Banas	Khari	MINOR		25.605416	74.324077				0.25					49.00		Sareri Dam
1227	Hisniya	BHILWARA	Asind	Banas	Khari	MINOR		25.602105	74.453801				0.18					33.00		Sareri Dam
1239	Jali	BHILWARA	Asind	Banas	Khari	MINOR		25.562105	74.365975				0.27					117.00		Sareri Dam
1266	Karjalla	BHILWARA	Asind	Banas	Khari	MINOR		25.612953	74.498371				0.42					80.00		Sareri Dam
1307	Madan Sagar maroo ka kheda	BHILWARA	Asind	Banas	Khari	MINOR		25.640890	74.396258				0.26					48.00		Sareri Dam
1324	Motipur Ka Khera	BHILWARA	Asind	Banas	Khari	MINOR		25.648995	74.528346				0.34					66.00		Sareri Dam
1329	Narayan Pura	BHILWARA	Asind	Banas	Khari	MINOR		25.672639	74.464583				0.41					77.00		Sareri Dam
1357	Pairi	BHILWARA	Asind	Banas	Khari	MINOR		25.670986	74.432655				0.38					71.00		Sareri Dam
1381	Ram Sagar Ahiro Ka	BHILWARA	Asind	Banas	Khari	MINOR		25.627647	74.395599				0.16					28.00		Sareri Dam
1444	Tilolia Tiloli	BHILWARA	Asind	Banas	Khari	MINOR	Old tank	25.593398	74.305640	9.14	675.00	2.04	2.04	-	4,301.00	1.00		388.00	233.00	Sareri Dam
1046	Almas	BHILWARA	Mandal	Banas	Khari	MINOR		25.568239	74.436090				0.23					41.00		Sareri Dam
1057	Arjun Sagar Malas	BHILWARA	Mandal	Banas	Khari	MINOR		25.511197	74.324392				0.30					58.00		Sareri Dam
1095	Bemali	BHILWARA	Mandal	Banas	Khari	MINOR		25.490769	74.275832				0.46					96.00		Sareri Dam
1146	Dahi Matha	BHILWARA	Mandal	Banas	Khari	MINOR		25.530566	74.301556				0.40					36.00		Sareri Dam
1151	Danta (Dhuwala)	BHILWARA	Mandal	Banas	Khari	MINOR		25.538867	74.489386				0.62					85.00		Sareri Dam
1182	Dhunvala (mandal)	BHILWARA	Mandal	Banas	Khari	MINOR		25.527536	74.432537				0.82					146.00		Sareri Dam
1224	Hathipura	BHILWARA	Mandal	Banas	Khari	MINOR		25.513329	74.369051				0.14					23.00		Sareri Dam
1255	Kabradia	BHILWARA	Mandal	Banas	Khari	MINOR		25.590242	74.396648				0.24					75.00		Sareri Dam
1271	Keria	BHILWARA	Mandal	Banas	Khari	MINOR		25.568519	74.410741				0.77					174.00		Sareri Dam
1302	Laxmipura	BHILWARA	Mandal	Banas	Khari	MINOR		25.529010	74.472546				0.45					86.00		Sareri Dam
1322	Mokhamsagar	BHILWARA	Mandal	Banas	Khari	MINOR		25.520312	74.304089				0.17					32.00		Sareri Dam
1411	Sat Sagar Nimbhera	BHILWARA	Mandal	Banas	Khari	MINOR		25.606777	74.439117				0.30					57.00		Sareri Dam
1420	Sidarias	BHILWARA	Mandal	Banas	Khari	MINOR		25.547405	74.482142				0.65					105.00		Sareri Dam
1433	Swaroop Sagar	BHILWARA	Mandal	Banas	Khari	MINOR		25.528226	74.331323				0.85					162.00		Sareri Dam
	Project Catchment Total											**8.21**	**18.44**				**974.00**	**4,065.44**	**886.98**	
1044	Akhev Raj	BHILWARA	Banera	Banas	Khari	MINOR		25.541540	74.672372				0.17					32.00		Ummed SagarB
1050	Amar Sagar Dudela	BHILWARA	Banera	Banas	Khari	MINOR		25.542618	74.629454				0.34					65.00		Ummed SagarB
1081	Balesaria	BHILWARA	Banera	Banas	Khari	MINOR		25.551902	74.612516				0.49					116.00		Ummed SagarB
1107	Bheru Khera	BHILWARA	Banera	Banas	Khari	MINOR		25.534890	74.615975				0.25					49.00		Ummed SagarB
1175	Dhiraj Sagar Kajlodia	BHILWARA	Banera	Banas	Khari	MINOR		25.487810	74.702187				0.14					43.00		Ummed SagarB
1263	Kankolia	BHILWARA	Banera	Banas	Khari	MINOR		25.495416	74.708915				0.30					32.00		Ummed SagarB
1287	Kodlai	BHILWARA	Banera	Banas	Khari	MINOR		25.532707	74.704216				0.30					44.00		Ummed SagarB
1299	Lasodia Naya Talab	BHILWARA	Banera	Banas	Khari	MINOR		25.528231	74.722789				0.20					47.00		Ummed SagarB
1328	Nahira	BHILWARA	Banera	Banas	Khari	MINOR		25.513727	74.670018				0.10					21.00		Ummed SagarB

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1387	Raxi	BHILWARA	Banera	Banas	Khari	MINOR		25.564311	74.700173				0.40					43.00		Ummed SagarB
1394	Salaria Kala	BHILWARA	Banera	Banas	Khari	MINOR		25.500982	74.670062				0.50					95.00		Ummed SagarB
1399	Sanganer	BHILWARA	Banera	Banas	Khari	MINOR		25.538694	74.655589				0.33					63.00		Ummed SagarB
1427	Surajpura	BHILWARA	Banera	Banas	Khari	MINOR	2009	25.565263	74.626129				0.20					27.00		Ummed SagarB
1448	Udai Sagar	BHILWARA	Banera	Banas	Khari	MINOR		25.519577	74.683389				1.44					275.00		Ummed SagarB
1049	Amar Sagar Dikola	BHILWARA	Shahpura	Banas	Khari	MINOR		25.546497	74.836977				0.18					121.00		Ummed SagarB
1075	Badsara	BHILWARA	Shahpura	Banas	Khari	MINOR		25.583268	74.881926				0.25					48.00		Ummed SagarB
1078	Bajrolia	BHILWARA	Shahpura	Banas	Khari	MINOR		25.551555	74.800317				1.10					162.00		Ummed SagarB
1109	Bhim Sagar Dhibola	BHILWARA	Shahpura	Banas	Khari	MINOR	Old tank	25.538933	74.827281				0.71					324.00		Ummed SagarB
1132	Chandra Sagar Doulat	BHILWARA	Shahpura	Banas	Khari	MINOR		25.600506	74.846421				0.82					157.00		Ummed SagarB
1141	Chodiwala Mindolia	BHILWARA	Shahpura	Banas	Khari	MINOR		25.539040	74.896023				0.27					52.00		Ummed SagarB
1142	Choota Nahar Sagar	BHILWARA	Shahpura	Banas	Khari	MINOR		25.556042	74.861069				0.82					157.00		Ummed SagarB
1168	Dhakeria	BHILWARA	Shahpura	Banas	Khari	MINOR		25.530641	74.822989				0.14					34.00		Ummed SagarB
1174	Dharmau	BHILWARA	Shahpura	Banas	Khari	MINOR		25.573584	74.867358				0.25					47.00		Ummed SagarB
1231	Itmaria	BHILWARA	Shahpura	Banas	Khari	MINOR		25.533164	74.781959				0.11					21.00		Ummed SagarB
1249	Jodh Sagar Ragurajpura	BHILWARA	Shahpura	Banas	Khari	MINOR		25.581021	74.870028				0.60					81.00		Ummed SagarB
1272	Kerolai	BHILWARA	Shahpura	Banas	Khari	MINOR		25.504389	74.802832				0.26					42.00		Ummed SagarB
1369	Pipola Dikola	BHILWARA	Shahpura	Banas	Khari	MINOR		25.549869	74.828021				0.17					33.00		Ummed SagarB
1379	Raipur Tehnal	BHILWARA	Shahpura	Banas	Khari	MINOR		25.602869	74.823089				0.17					32.00		Ummed SagarB
1171	Dhand Kunwar	BHILWARA	Suwana	Banas	Khari	MINOR		25.484025	74.780221				0.42					42.00		Ummed SagarB
1389	Richhda	BHILWARA	Suwana	Banas	Khari	MINOR		25.431670	74.748163				0.34					65.00		Ummed SagarB
	Project Catchment Total											-	**11.77**				-	**2,370.00**	-	
	Sub Basin Total											**121.58**	**212.87**				**19,033.60**	**42,221.33**	**11,121.94**	
1285	Kishangarh	BHILWARA	Kotri	Banas	Kothari	MINOR		25.334164	74.974075				0.84					129.00		Bisalpur
	Project Catchment Total											-	**0.84**				-	**129.00**	-	
1080	Baldeo Sagar Kalsas	BHILWARA	Banera	Banas	Kothari	MINOR		25.403476	74.727404				0.66					125.00		Kothari Dam
1094	Beedwara Mindolia	BHILWARA	Banera	Banas	Kothari	MINOR		25.537311	74.569672				0.31					45.00		Kothari Dam
1129	Chamanpura	BHILWARA	Banera	Banas	Kothari	MINOR		25.447232	74.625291				0.23					43.00		Kothari Dam
1257	Kakrolia	BHILWARA	Kotri	Banas	Kothari	MINOR		25.343678	74.860157				0.20					46.00		Kothari Dam
1298	Lasodia (e)	BHILWARA	Kotri	Banas	Kothari	MINOR		25.352985	74.821098				0.22					33.00		Kothari Dam
1376	Raghunath Pura	BHILWARA	Kotri	Banas	Kothari	MINOR		25.333746	74.887050				0.23					41.00		Kothari Dam
1388	Redwas	BHILWARA	Kotri	Banas	Kothari	MINOR		25.341709	74.916184				0.42					81.00		Kothari Dam
1286	Kishanwato Ki kheri	BHILWARA	Mandal	Banas	Kothari	MINOR		25.471933	74.603947				0.15					28.00		Kothari Dam
1318	Meja (Small)	BHILWARA	Mandal	Banas	Kothari	MINOR		25.409296	74.549654				0.67					204.00		Kothari Dam
1346	Neem ka Khera	BHILWARA	Mandal	Banas	Kothari	MINOR		25.526589	74.568915				0.59					87.00		Kothari Dam
1155	Dariba	BHILWARA	Suwana	Banas	Kothari	MINOR		25.334740	74.518972				1.00					188.00		Kothari Dam
1220	Haler	BHILWARA	Suwana	Banas	Kothari	MINOR		25.321509	74.685474				0.52					99.00		Kothari Dam
1360	Pansal	BHILWARA	Suwana	Banas	Kothari	MINOR		25.359781	74.581415				1.04					199.00		Kothari Dam
1398	Samodi	BHILWARA	Suwana	Banas	Kothari	MINOR		25.345541	74.553055				0.20					38.00		Kothari Dam
	Project Catchment Total											-	**6.44**				-	**1,257.00**	-	
1086	Bawari	BHILWARA	Mandal	Banas	Kothari	MINOR		25.456744	74.490835				0.23					43.00		Mandal
1140	Chileshwar	BHILWARA	Mandal	Banas	Kothari	MINOR		25.444293	74.499135				0.52					113.00		Mandal
1152	Danta Luharia	BHILWARA	Mandal	Banas	Kothari	MINOR		25.494812	74.531085				0.45					86.00		Mandal
1392	Sabalpura	BHILWARA	Mandal	Banas	Kothari	MINOR		25.479565	74.500489				0.10					11.00		Mandal
	Project Catchment Total											-	**1.30**				-	**253.00**	-	
1466	Amargarh	BHILWARA	Mandal	Banas	Kothari	Minor		25.344720	74.456142				1.13					159.11		Meja
1093	Bavias	BHILWARA	Mandal	Banas	Kothari	MINOR		25.360767	74.334574				0.45					87.00		Meja
1098	Bhadu Dhandh	BHILWARA	Mandal	Banas	Kothari	MINOR		25.430221	74.488521				0.65					43.00		Meja
1099	Bhadu Naya (Mandal)	BHILWARA	Mandal	Banas	Kothari	MINOR		25.421401	74.498205				0.62					119.00		Meja
1106	Bheru Khera	BHILWARA	Mandal	Banas	Kothari	MINOR		25.429875	74.464592				0.25					49.00		Meja
1108	Bhilri	BHILWARA	Mandal	Banas	Kothari	MINOR		25.420644	74.344574				0.62					118.00		Meja
1128	Chakned	BHILWARA	Mandal	Banas	Kothari	MINOR		25.450902	74.400088				0.45					98.00		Meja
1156	Daulatpura	BHILWARA	Mandal	Banas	Kothari	MINOR		25.418814	74.409489				0.38					77.00		Meja
1158	Deelel Sagar	BHILWARA	Mandal	Banas	Kothari	MINOR	old	25.518546	74.220343				0.91					115.00		Meja
1183	Dudela	BHILWARA	Mandal	Banas	Kothari	MINOR		25.540078	74.215283				0.34					89.00		Meja
1198	Gangdeh (Mandal)	BHILWARA	Mandal	Banas	Kothari	MINOR		25.338366	74.371303				1.05					251.00		Meja
1472	Godas Lift	BHILWARA	Mandal	Banas	Kothari	Minor		25.383495	74.471275				0.76					109.00		Meja
1202	Gopalsagar (Kerara)	BHILWARA	Mandal	Banas	Kothari	MINOR		25.515973	74.205301				0.45					73.00		Meja
1206	Gorkhiya	BHILWARA	Mandal	Banas	Kothari	MINOR		25.534655	74.107172				0.78					149.00		Meja
1214	Gulab Sagar Laduwas	BHILWARA	Mandal	Banas	Kothari	MINOR		25.473212	74.336661				0.45					86.00		Meja
1244	Jet Sagar Chandas	BHILWARA	Mandal	Banas	Kothari	MINOR		25.423879	74.322720				0.48					91.00		Meja
1251	Jorawarpura	BHILWARA	Mandal	Banas	Kothari	MINOR		25.409055	74.421886				0.45					81.00		Meja
1260	Kan Sagar	BHILWARA	Mandal	Banas	Kothari	MINOR		25.482403	74.430978				0.99					181.00		Meja
1267	Karnipura	BHILWARA	Mandal	Banas	Kothari	MINOR		25.324749	74.383941				0.65					123.00		Meja
1273	Kesar Sagar Chandras	BHILWARA	Mandal	Banas	Kothari	MINOR		25.464966	74.454172				0.57					116.00		Meja
1296	Lamxni Sagar I	BHILWARA	Mandal	Banas	Kothari	MINOR		25.475347	74.352131				0.42					82.00		Meja
1300	Lasodia(a)	BHILWARA	Mandal	Banas	Kothari	MINOR		25.354922	74.434155				0.70					134.00		Meja

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1303	Leswa (Mewla)	BHILWARA	Mandal	Banas	Kothari	MINOR		25.412516	74.382469				0.65					124.00		Meja
1304	Leswa (Naya)	BHILWARA	Mandal	Banas	Kothari	MINOR		25.377977	74.424696				0.51					97.00		Meja
1336	Navalpura Mandal	BHILWARA	Mandal	Banas	Kothari	MINOR		25.394296	74.393579				3.96					755.00		Meja
1372	Pithas	BHILWARA	Mandal	Banas	Kothari	MINOR		25.372377	74.496392				0.40					87.00		Meja
1385	Ratan Sagar	BHILWARA	Mandal	Banas	Kothari	MINOR		25.472892	74.384371				0.41					77.00		Meja
1428	Suras	BHILWARA	Mandal	Banas	Kothari	MINOR		25.395274	74.339102				0.23					43.00		Meja
1434	Tavunka	BHILWARA	Mandal	Banas	Kothari	MINOR		25.308474	74.401556				0.45					86.00		Meja
1059	Arjungarh	BHILWARA	Raipur	Banas	Kothari	MINOR		25.477727	74.209311				0.40					129.00		Meja
1063	Atawara	BHILWARA	Raipur	Banas	Kothari	MINOR	1961	25.351001	74.180090	10.36	2,671.00	5.24	5.09	-	14,200.00	6.45	-	1,174.00	583.00	Meja
1103	Bharu Khera	BHILWARA	Raipur	Banas	Kothari	MINOR		25.350000	74.033333				0.79					123.00		Meja
1137	Chapria	BHILWARA	Raipur	Banas	Kothari	MINOR		25.410991	74.198987				0.28					89.00		Meja
1161	Deori (Raipur)	BHILWARA	Raipur	Banas	Kothari	MINOR	1961	25.279097	74.144044	4.27	2,132.00	4.30	3.65	-	9,400.00	15.60	-	696.00	418.00	Meja
1194	Galyawadi	BHILWARA	Raipur	Banas	Kothari	MINOR		25.349790	74.147185				0.42					73.00		Meja
1236	Jagpura	BHILWARA	Raipur	Banas	Kothari	MINOR		25.459688	74.181052				0.54					115.00		Meja
1246	Jhadol Raipur	BHILWARA	Raipur	Banas	Kothari	MINOR	Old tank	25.405574	74.163647	6.40	1,382.00	3.00	2.94	-	-	14.55	-	1,134.00	337.00	Meja
1254	Kaberda	BHILWARA	Raipur	Banas	Kothari	MINOR		25.410009	74.175183				0.57					108.00		Meja
1259	Kalal Kheri	BHILWARA	Raipur	Banas	Kothari	MINOR		25.449212	74.146440				0.14					29.00		Meja
1270	Kemunia	BHILWARA	Raipur	Banas	Kothari	MINOR		25.386280	74.155919				1.54					254.00		Meja
1279	Khemana	BHILWARA	Raipur	Banas	Kothari	MINOR		25.356261	74.156909				0.61					84.00		Meja
1291	Kurjia	BHILWARA	Raipur	Banas	Kothari	MINOR		25.393366	74.182815				0.60					115.00		Meja
1297	Larki	BHILWARA	Raipur	Banas	Kothari	MINOR	1966	25.405469	74.090310	12.28	581.00	3.79	2.77	-	27,150.00	22.20	1,851.00	961.00	317.00	Meja
1321	Mokhampura	BHILWARA	Raipur	Banas	Kothari	MINOR		25.426428	74.226557				0.28					53.00		Meja
1331	Nathdias	BHILWARA	Raipur	Banas	Kothari	MINOR		25.431777	74.239970				0.38					72.00		Meja
1371	Pithalpura	BHILWARA	Raipur	Banas	Kothari	MINOR		25.446389	74.209075				1.04					158.00		Meja
1377	Ragtia Nansa	BHILWARA	Raipur	Banas	Kothari	MINOR		25.359327	74.205624				0.34					51.00		Meja
1404	Sardarsagar Nansa	BHILWARA	Raipur	Banas	Kothari	MINOR		25.353338	74.202251				0.32					45.00		Meja
1407	Sargram Sagar Barona	BHILWARA	Raipur	Banas	Kothari	MINOR		25.422167	74.176353				1.10					207.00		Meja
1440	Thala	BHILWARA	Raipur	Banas	Kothari	MINOR		25.457582	74.193686				1.50					216.00		Meja
1452	Umed Sagar Koshithal	BHILWARA	Raipur	Banas	Kothari	MINOR		25.300211	74.151174				0.28					53.00		Meja
1458	Useria	BHILWARA	Raipur	Banas	Kothari	MINOR		25.417687	74.199458				0.23					81.00		Meja
1052	Amli	BHILWARA	Sahara	Banas	Kothari	MINOR		25.289793	74.312995				0.70					100.00		Meja
1127	Boriapura	BHILWARA	Sahara	Banas	Kothari	MINOR		25.319549	74.316600				0.95					171.00		Meja
1343	Naya Talab Nansa	BHILWARA	Sahara	Banas	Kothari	MINOR		25.346055	74.207030				0.40					61.00		Meja
1356	Padam Sagar Koshitha	BHILWARA	Sahara	Banas	Kothari	MINOR		25.313666	74.174465				0.16					24.00		Meja
1451	Ulalai	BHILWARA	Sahara	Banas	Kothari	MINOR		25.262699	74.181226				0.58					110.00		Meja
1216	Gundli	BHILWARA	Suwana	Banas	Kothari	MINOR		25.325291	74.461225				0.08					16.00		Meja
2829	Tikkar	RAJSAMAND	Amet	Banas	Kothari	MINOR		25.398334	73.907108				1.12					200.00		Meja
2831	Bhutala	RAJSAMAND	Deogarh	Banas	Kothari	Minor		25.528944	74.005913				0.11					22.00		Meja
2762	Dhedbara ka naka	RAJSAMAND	Deogarh	Banas	Kothari	MINOR		25.392591	73.830075				0.54					113.00		Meja
2770	Gunia	RAJSAMAND	Deogarh	Banas	Kothari	MINOR		25.379141	73.881636				1.30					248.00		Meja
2774	Jiran	RAJSAMAND	Deogarh	Banas	Kothari	MINOR		25.421061	73.909527				0.27					54.00		Meja
2781	Kanvera	RAJSAMAND	Deogarh	Banas	Kothari	MINOR		25.461167	73.999021				0.25					43.00		Meja
2800	Methajhara	RAJSAMAND	Deogarh	Banas	Kothari	MINOR		25.479453	73.959189				0.32					54.00		Meja
2834	Modadeha	RAJSAMAND	Deogarh	Banas	Kothari	Minor		25.364426	73.970891				0.41					98.00		Meja
2804	Mokhunda	RAJSAMAND	Deogarh	Banas	Kothari	MINOR		25.310715	74.082115				0.77					147.00		Meja
2835	Mosam Sagar	RAJSAMAND	Deogarh	Banas	Kothari	Minor		25.526388	74.007340				0.35					63.00		Meja
2808	Neemjhar	RAJSAMAND	Deogarh	Banas	Kothari	MINOR		25.515584	74.045500				2.44					599.00		Meja
	Project Catchment Total											**16.33**	**56.72**				**1,851.00**	**11,842.11**	**1,655.00**	
	Sub Basin Total											**16.33**	**65.30**				**1,851.00**	**13,481.11**	**1,655.00**	
178	JuliSagar Mundatu	AJMER	Kishangarh	Banas	Mashi	MINOR		26.656356	75.033791				0.25					65.00		Chhaparwada
313	Ram Sagar Rampura	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.709046	74.949488	NA	1,860.00	35.64	0.71	NA	2,334.00	4.66	314.00	165.10	77.00	Chhaparwada
373	Tilonia Tank	AJMER	Kishangarh	Banas	Mashi	MINOR		26.661111	74.930000				0.48					101.10		Chhaparwada
1846	Akoda	JAIPUR	Dudu	Banas	Mashi	MINOR		26.817705	75.290107				0.60					160.00		Chhaparwada
1850	Bandolao	JAIPUR	Dudu	Banas	Mashi	MINOR	-	26.816171	75.233318			1.41	1.42		NA			374.00	200.00	Chhaparwada
1867	Chhar Bund	JAIPUR	Dudu	Banas	Mashi	MINOR		26.727347	74.990291				0.34					101.20		Chhaparwada
1871	Chuliawas	JAIPUR	Dudu	Banas	Mashi	MINOR		26.778992	75.233790				0.62					189.80		Chhaparwada
1875	Dhabolav Narena	JAIPUR	Dudu	Banas	Mashi	MINOR		26.797133	75.217502				2.21					603.00		Chhaparwada
1877	Dhobalab Jhag	JAIPUR	Dudu	Banas	Mashi	MINOR		26.773241	75.171646				0.37					59.90		Chhaparwada
1882	Ganga Sagar	JAIPUR	Dudu	Banas	Mashi	MINOR		26.705988	75.208200				1.00					357.00		Chhaparwada
1883	Gehlota	JAIPUR	Dudu	Banas	Mashi	MINOR		26.699475	74.977637				0.54					44.80		Chhaparwada
1888	Gzaizy	JAIPUR	Dudu	Banas	Mashi	MINOR		26.666667	75.188889				0.40					38.20		Chhaparwada
1892	Harsoli	JAIPUR	Dudu	Banas	Mashi	MINOR		26.617044	75.148943				0.37					49.00		Chhaparwada
1908	Ladera	JAIPUR	Dudu	Banas	Mashi	MINOR		26.679167	75.056667				1.30					204.40		Chhaparwada
	Project Catchment Total											**37.05**	**10.61**				**314.00**	**2,512.50**	**277.00**	
1863	Bichun	JAIPUR	Dudu	Banas	Mashi	MINOR		26.859940	75.373657				0.37					76.00		Hingoniya
1868	Chirota	JAIPUR	Sanganer	Banas	Mashi	MINOR	-	26.806124	75.636972				0.26					57.00		Hingoniya
1935	Ram Sagar Nevta	JAIPUR	Sanganer	Banas	Mashi	MINOR		26.803759	75.681507				6.50					1,533.00		Hingoniya

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	Project Catchment Total											-	**7.13**				-	**1,666.00**	-	
1895	Jamdeye	JAIPUR	Shahpura	Banas	Mashi	MINOR	-	27.234559	75.853581	12.00		2.74	2.46		103.48		685.94	587.00	352.00	Kalakh Sagar
	Project Catchment Total											**2.74**	**2.46**				**685.94**	**587.00**	**352.00**	
80	Bhawani Sagar Ketsura	AJMER	Arain	Banas	Mashi	MINOR	State Time	26.497766	74.989068	4.87	1,870.00	1.13	1.13	NA	92.82	NA	549.58	270.30	161.98	Mashi
126	Dhan Sagar Dadiya	AJMER	Arain	Banas	Mashi	MINOR	State Time	26.445142	74.990427	4.51	1,680.00	1.33	1.33	NA	111.04	NA	425.74	216.90	189.80	Mashi
141	Ganesh Sagar Katsura	AJMER	Arain	Banas	Mashi	MINOR	State Time	26.472006	74.983284	4.78	1,950.00	0.65	0.65	NA	96.02	NA	247.27	126.00	97.13	Mashi
169	Jawahar Sagar Sirons	AJMER	Arain	Banas	Mashi	MINOR	State time	26.469192	75.082978	NA	NA	1.58	1.58	NA	141.01	3.20	691.22	345.60	226.62	Mashi
211	Kishan sagar Gagunda	AJMER	Arain	Banas	Mashi	MINOR	State time	26.508333	75.116667	NA	NA	1.78	1.78	NA	150.56	4.30	768.92	384.50	258.19	Mashi
214	Kodia Sagar Arain	AJMER	Arain	Banas	Mashi	MINOR	State time	26.456578	75.013439	NA	NA	2.83	2.83	NA	195.52	42.07	567.57	509.90	344.00	Mashi
363	Sukh Sagar Sirons	AJMER	Arain	Banas	Mashi	MINOR	State time	26.490579	75.093029	NA	NA	1.42	1.42	NA	121.29	12.80	660.04	303.50	204.37	Mashi
370	Surkheli Sagar	AJMER	Arain	Banas	Mashi	MINOR		26.466667	75.033333	NA	NA	1.43	1.40	NA	121.29	41.20	738.32	69.10	611.08	Mashi
379	Vijai Sagar Lamba	AJMER	Arain	Banas	Mashi	MINOR		26.486104	74.996016	NA	NA	1.58	1.58	NA	121.29	3.40	725.21	362.60	266.62	Mashi
380	Vijay Sagar Akodia	AJMER	Arain	Banas	Mashi	MINOR		26.376671	75.008201	NA	NA	1.56	1.56	NA	133.26	3.50	712.26	356.10	200.00	Mashi
78	Bharu Sagar Balupura	AJMER	Kishangarh	Banas	Mashi	MINOR		26.482585	74.926378				0.37					155.40		Mashi
99	Chandolai Tank Bandarsind	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.580532	75.035583				0.71					176.40		Mashi
112	Daidika nada barna	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.510162	74.921820				0.17					40.50		Mashi
129	Dholi Ghata Bandarsindari	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.620692	75.009223				0.47					100.00		Mashi
149	Gordhan Sagar Barna	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.504307	74.886509	NA	830.00	21.37	0.59	NA	2,276.00	1.28	274.00	137.20	87.00	Mashi
155	Hanuman Sagar Barna	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.501086	74.922094	NA	760.00	28.80	0.80	NA	1,480.00	2.28	596.00	299.50	210.00	Mashi
163	Jai Sagar Didwara	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.571111	74.985000				0.76					213.60		Mashi
168	Jathumb Kishangarh	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.583414	74.858456	NA	530.00	5.71	0.16	NA	775.00	0.83	130.00	64.80	23.00	Mashi
177	Jodhala Sagar Khacharia	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.522368	74.878615	NA	1,780.00	13.75	0.40	NA	1,118.00	2.57	45.00	44.50	28.00	Mashi
196	Karni sagar Rari	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.516357	74.912130	NA	840.00	9.00	0.25	NA	1,056.00	4.34	121.00	60.70	36.00	Mashi
204	Khatolai Tank Bandersindri	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.589438	75.053231	NA	1,120.00	21.15	0.59	NA	2,759.00	1.28	258.00	135.90	81.00	Mashi
221	Lamba sagar Sergaon	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.568740	74.927568	NA	1,670.00	26.44	0.80	NA	2,334.00	1.82	226.00	171.60	117.00	Mashi
233	Madan Sagar Deedwara	AJMER	Kishangarh	Banas	Mashi	MINOR		26.552775	74.967302	NA	1,440.00	1.67	1.67	NA	4,108.00	10.02	726.00	382.00	178.00	Mashi
260	Naya Talab Barna	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.507775	74.904207	NA	797.00	32.96	0.93	NA	2,236.00	3.22	379.00	189.00	134.00	Mashi
267	Naya talab kacharia	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.538530	74.896018	NA	610.00	6.00	0.17	NA	NA	1.51	24.00	24.30	20.00	Mashi
287	Parbat Sagar Sergaon	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.550000	74.916667	NA	1,700.00	9.57	0.25	NA	1,388.00	2.28	123.00	64.80	40.00	Mashi
315	Ram samand Nayagaon	AJMER	Kishangarh	Banas	Mashi	MINOR		26.577394	74.875735	NA	914.00	1.16	1.16	NA	2,758.00	1.99	946.00	472.70	167.00	Mashi
316	Ram Sarowar Bandarsindari	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.600013	75.016043	NA	1,370.00	20.43	0.56	NA	3,924.00	4.02	252.00	132.70	49.00	Mashi
376	Ummed Sagar Noriya	AJMER	Kishangarh	Banas	Mashi	MINOR	State Time	26.589012	75.007858	NA	790.00	28.77	0.82	NA	2,334.00	2.41	357.00	187.70	113.00	Mashi
1949	Bhojyada	JAIPUR	Chaksu	Banas	Mashi	Minor		26.617510	75.810891				1.50					120.00		Mashi
1860	Bhoyara	JAIPUR	Chaksu	Banas	Mashi	MINOR		26.618303	75.810886				1.56					199.80		Mashi
1897	Kadera	JAIPUR	Chaksu	Banas	Mashi	MINOR		26.605761	75.837975				0.42					160.30		Mashi
1910	Madho Singh Pura	JAIPUR	Chaksu	Banas	Mashi	MINOR		26.545151	75.893410				0.82					143.70		Mashi
1927	Pipla	JAIPUR	Chaksu	Banas	Mashi	MINOR	-	26.587088	75.807233				1.90					385.00		Mashi
1845	Agar Sagar	JAIPUR	Dudu	Banas	Mashi	MINOR		26.575398	75.298183				0.34					97.50		Mashi
1847	Bad Solinkia	JAIPUR	Dudu	Banas	Mashi	MINOR		26.732519	75.448059				0.34					94.00		Mashi
1852	Bankia Sagar	JAIPUR	Dudu	Banas	Mashi	MINOR		26.569351	75.368198				0.62					71.00		Mashi
1853	Beni Kheda Rehlana	JAIPUR	Dudu	Banas	Mashi	MINOR		26.575044	75.139074				0.28					32.00		Mashi
1865	Bohra Ka Dund	JAIPUR	Dudu	Banas	Mashi	MINOR		26.627373	75.340674				0.30					58.70		Mashi
1876	Dhamana	JAIPUR	Dudu	Banas	Mashi	MINOR	old	26.627685	75.378008				0.20					64.75		Mashi
1880	Doriya	JAIPUR	Dudu	Banas	Mashi	MINOR		26.540978	75.241031				1.20					228.00		Mashi
1890	Hanuman Sagar Gagadu	JAIPUR	Dudu	Banas	Mashi	MINOR		26.517185	75.140320				0.76					80.00		Mashi
1903	Kharbon Ka Bas	JAIPUR	Dudu	Banas	Mashi	MINOR		26.757473	75.359213				0.46					66.00		Mashi
1905	Kodiya Sagar	JAIPUR	Dudu	Banas	Mashi	MINOR		26.580842	75.357946				0.54					121.40		Mashi
1913	Manpura	JAIPUR	Dudu	Banas	Mashi	MINOR		26.714232	75.394494				0.28					124.70		Mashi
1917	Naya Sagar Mokhampura	JAIPUR	Dudu	Banas	Mashi	MINOR		26.750948	75.280410				0.40					50.00		Mashi
1918	Naya Sagar Mozmabad	JAIPUR	Dudu	Banas	Mashi	MINOR	-	26.703642	75.340973			2.60	2.60					560.00	459.00	Mashi
1849	Bala Sagar Sultania	JAIPUR	Phagi	Banas	Mashi	MINOR		26.631044	75.539124				0.51					115.00		Mashi
1861	Bhudiya Sagar	JAIPUR	Phagi	Banas	Mashi	MINOR		26.594418	75.553841				0.17					60.70		Mashi
1862	Bhujyali	JAIPUR	Phagi	Banas	Mashi	MINOR		26.551440	75.505722				0.93					32.40		Mashi
1869	Choru Sagar Choru	JAIPUR	Phagi	Banas	Mashi	MINOR		26.546026	75.377593				1.08					396.60		Mashi
1953	Dantudi	JAIPUR	Phagi	Banas	Mashi	Minor		26.600422	75.635574				0.60					79.00		Mashi
1878	Dholai	JAIPUR	Phagi	Banas	Mashi	MINOR	old	26.584703	75.510271	4.57	1,334.00	0.14	0.23	0.03	561.00	Small W.Course	50.60	16.00	20.24	Mashi
1884	Ghatyali	JAIPUR	Phagi	Banas	Mashi	MINOR		26.509161	75.366564				0.40					192.20		Mashi
1885	Gokulpura	JAIPUR	Phagi	Banas	Mashi	MINOR		26.473594	75.597184				0.85					122.00		Mashi
1898	Kala Talab	JAIPUR	Phagi	Banas	Mashi	MINOR		26.674433	75.627378				0.88					200.70		Mashi
1899	Kanolav	JAIPUR	Phagi	Banas	Mashi	MINOR		26.553280	75.546436				0.40					100.40		Mashi
1901	Kerya Sagar	JAIPUR	Phagi	Banas	Mashi	MINOR		26.523098	75.538660				0.45					64.80		Mashi
1902	Khajri	JAIPUR	Phagi	Banas	Mashi	MINOR	-	26.544674	75.773563				2.80					454.10		Mashi
1951	Kishanpura	JAIPUR	Phagi	Banas	Mashi	Minor		26.707853	75.630585				0.17					40.50		Mashi
1914	Moti Sagar	JAIPUR	Phagi	Banas	Mashi	MINOR		26.558662	75.408388				0.20					28.30		Mashi
1915	Nain Siega	JAIPUR	Phagi	Banas	Mashi	MINOR		26.517587	75.484677				0.62					141.60		Mashi
1916	Naya Sagar Avandia	JAIPUR	Phagi	Banas	Mashi	MINOR		26.651802	75.508392				0.51					151.40		Mashi

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1919	Naya Talab Jhog	JAIPUR	Phagi	Banas	Mashi	MINOR		26.709119	75.529669				0.48					104.00		Mashi
1928	Pratap Sagar Bhojpura	JAIPUR	Phagi	Banas	Mashi	MINOR		26.603236	75.642928				0.71					162.00		Mashi
1933	Ram Sagar Choru	JAIPUR	Phagi	Banas	Mashi	MINOR		26.515572	75.388431				0.31					163.90		Mashi
1934	Ram Sagar Madhopura	JAIPUR	Phagi	Banas	Mashi	MINOR		26.532256	75.652219				0.51					113.70		Mashi
1936	Ram Sagar Phagi	JAIPUR	Phagi	Banas	Mashi	MINOR		26.577169	75.547489				0.59					93.90		Mashi
1940	Rani Sagar Lasadia	JAIPUR	Phagi	Banas	Mashi	MINOR		26.545930	75.467880				0.34					101.60		Mashi
1948	Tile Lao	JAIPUR	Phagi	Banas	Mashi	MINOR		26.607935	75.508973				1.22					271.10		Mashi
3051	Dhand Sagar	TONK	Malpura	Banas	Mashi	MINOR	old	26.475751	75.213025			0.25	0.25					51.00		Mashi
3065	Gulab Sagar Pachewar	TONK	Malpura	Banas	Mashi	MINOR	old	26.457040	75.228973	2.13	2,314.00	0.23	0.23	0.10	1,149.00	Small W.Course	101.21	49.00	32.38	Mashi
3068	Hanutia Pachewar	TONK	Malpura	Banas	Mashi	MINOR	old	26.445850	75.339773	3.20	1,478.00	0.51	0.51	0.16	1,625.00	Small W.Course	219.00	72.80	73.00	Mashi
3076	Jawani Sagar	TONK	Malpura	Banas	Mashi	MINOR	old	26.479960	75.341825	3.20	1,073.00	0.20	0.20	0.06	849.00	Small W.Course	97.16	44.50	28.34	Mashi
3089	Kirawal Sagar	TONK	Malpura	Banas	Mashi	MINOR	old	26.458206	75.412477	6.30	2.47	6.51	6.51	15.33	614.00	18.90	2,794.00	1,628.10	931.17	Mashi
3099	Malik Sagar	TONK	Malpura	Banas	Mashi	MINOR	old	26.518595	75.307999	2.13	3,701.00	0.40	0.40	0.18	1,510.00	Small W.Course	153.84	56.70	57.00	Mashi
3176	Ratanpura	TONK	Malpura	Banas	Mashi	Minor	old	26.424995	75.410393	3.96	1,797.00	0.28	0.28	0.07	1,577.00	Small W.Course	105.26	53.00	40.48	Mashi
3154	Shel Sagar	TONK	Malpura	Banas	Mashi	MINOR	old	26.459406	75.300506	3.35	1,432.00	0.23	0.23	0.07	1,152.00	Small W.Course	81.00	50.60	32.38	Mashi
3033	Bidoli	TONK	Niwai	Banas	Mashi	MINOR	old	26.421294	75.863889	5.00	1.92	2.84	5.46	8.37	297.00		715.00	607.80	374.00	Mashi
	Project Catchment Total											**256.26**	**70.44**				**14,860.20**	**14,474.05**	**5,890.78**	
	Sub Basin Total											**296.06**	**90.64**				**15,860.14**	**19,239.55**	**6,519.78**	
2468	Raisana	KARAULI	Nadoti	Banas	Morel	Minor		26.691858	76.564276				0.51					70.00		Mora Sagar
2460	Ralsena	KARAULI	Nadoti	Banas	Morel	MINOR		26.707278	76.557384				0.51					20.20		Mora Sagar
	Project Catchment Total											-	**1.02**				-	**90.20**	-	
1696	Churas	DAUSA	Dausa	Banas	Morel	MINOR		26.757668	76.340054				2.40					290.30		Morel Bund
1704	Jhilmili	DAUSA	Dausa	Banas	Morel	MINOR		26.791285	76.315146				6.34					1,182.50		Morel Bund
1727	Papada	DAUSA	Dausa	Banas	Morel	Minor		26.797387	76.432472	NA	2,100.00	2.00	1.17	NA	112.74	3.65	NA	251.00	40.48	Morel Bund
1713	Rahuwas	DAUSA	Lalsot	Banas	Morel	MINOR	1951	26.711665	76.325601	12.20	1,830.00	5.35	4.35	NA	252.50	5.00	934.00	850.00	618.00	Morel Bund
1726	Sintholi	DAUSA	Lalsot	Banas	Morel	Minor		26.690387	76.169028				2.40					528.00		Morel Bund
1858	Bhav sagar	JAIPUR	Amber	Banas	Morel	MINOR		26.995183	75.835228				2.89					24.30		Morel Bund
1866	Bund Talab	JAIPUR	Amber	Banas	Morel	MINOR		26.982704	75.848124				0.23					16.00		Morel Bund
1906	Kukas	JAIPUR	Amber	Banas	Morel	MINOR	-	27.000160	75.881212			1.92	1.92					485.60	596.00	Morel Bund
1912	Man Sagar	JAIPUR	Amber	Banas	Morel	MINOR	-	26.963296	75.888916	15.50		2.40	2.32		301.82		835.00	728.40	664.00	Morel Bund
1931	Ram sagar	JAIPUR	Amber	Banas	Morel	MINOR		26.993221	75.861697				0.34					40.00		Morel Bund
1881	Dubli Tank	JAIPUR	Bassi	Banas	Morel	MINOR	-	26.790634	76.108718			2.54	2.50		7,108.00			456.90	365.00	Morel Bund
1886	Gudanallah	JAIPUR	Bassi	Banas	Morel	MINOR		26.874444	76.037500				0.77					171.90		Morel Bund
1889	Hanuman Sagar Bhandediya	JAIPUR	Bassi	Banas	Morel	MINOR		26.738959	75.979266				0.90					80.00		Morel Bund
1956	Hingoti	JAIPUR	Bassi	Banas	Morel	Minor		26.705366	76.145868				0.68					258.00		Morel Bund
1894	Jahajwara	JAIPUR	Bassi	Banas	Morel	MINOR		26.905883	76.162754				0.65					158.40		Morel Bund
1900	Kanota	JAIPUR	Bassi	Banas	Morel	MINOR	-	26.866686	75.948741	14.79		14.13	12.42		1,511.45		2,266.32	1,951.00		Morel Bund
1904	Kherli	JAIPUR	Bassi	Banas	Morel	MINOR		26.847556	76.031900				0.17					40.60		Morel Bund
1907	Kunthara Tank	JAIPUR	Bassi	Banas	Morel	MINOR		26.889994	75.979361				0.59					303.20		Morel Bund
1926	Patan Tank	JAIPUR	Bassi	Banas	Morel	MINOR	-	26.796941	76.150831			5.19	5.19		17,928.00		137.68	1,234.30	742.00	Morel Bund
1891	Haolav	JAIPUR	Chaksu	Banas	Morel	MINOR		26.637842	75.952290				0.25					76.80		Morel Bund
1909	Lambia	JAIPUR	Chaksu	Banas	Morel	MINOR		26.578127	75.958734				0.82					281.30		Morel Bund
1952	Prethvi Pura	JAIPUR	Chaksu	Banas	Morel	Minor		26.564557	76.064358	9.83	573.00	0.58	0.18		67.58		122.00	41.00	152.00	Morel Bund
1932	Ram Sagar Chandlai	JAIPUR	Chaksu	Banas	Morel	MINOR		26.699213	75.868195				2.04					449.70		Morel Bund
1941	Rawat wala	JAIPUR	Chaksu	Banas	Morel	MINOR		26.617334	75.915533				0.80					192.20		Morel Bund
1943	Sheel Ki Dungri	JAIPUR	Chaksu	Banas	Morel	MINOR	-	26.657763	75.967448	19.80		4.17	0.50				180.00	1,068.30	60.00	Morel Bund
1944	Shiv Ki Dungri	JAIPUR	Chaksu	Banas	Morel	MINOR	-	26.632648	75.934288			2.72	2.30		6,991.00		375.51	445.10		Morel Bund
1945	Shyampura	JAIPUR	Chaksu	Banas	Morel	MINOR		26.583333	76.116667				1.39					274.70		Morel Bund
1857	Bhanpur	JAIPUR	Jamwa Ramgarh	Banas	Morel	MINOR		27.074923	75.951942				0.79					189.00		Morel Bund
1887	Gullar	JAIPUR	Sanganer	Banas	Morel	MINOR	-	26.794504	75.832819			113.91	0.20		933.00			33.20		Morel Bund
1937	Ramchandar Pura	JAIPUR	Sanganer	Banas	Morel	MINOR	-	26.785556	75.858333	DiversionDam			0.40		NA			76.00		Morel Bund
2857	Ghata Nainwari	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.425025	76.267698			0.04	0.13					20.20		Morel Bund
2864	Moria Manjulla	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.421286	76.158580	NA	3,048.00	0.40	0.40	NA	NA	1.55	195.00	140.80	76.11	Morel Bund
	Project Catchment Total											**155.35**	**58.43**				**5,045.51**	**12,338.70**	**3,313.59**	
	Sub Basin Total											**155.35**	**59.45**				**5,045.51**	**12,428.90**	**3,313.59**	
3027	Bhamalao Ganwar	TONK	Malpura	Banas	Sodra	MINOR	old	26.351297	75.329259	1.98	1,316.00	2.46	0.20	1.24	1,149.00	Small W.Course	121.45	49.00	28.34	Chandsen Bheru Sagar
3031	Bhawani Sagar	TONK	Malpura	Banas	Sodra	MINOR	old	26.364168	75.409048	3.96	2,346.00	0.19	0.20	0.05	1,415.00	Small W.Course	64.37	56.00	55.87	Chandsen Bheru Sagar

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
3094	Lambia Phuttia Hatki	TONK	Malpura	Banas	Sodra	MINOR	old	26.329087	75.326541	3.96	1,829.00	0.25	0.22	0.06	260.00	2.27	186.23	105.20	72.87	Chandsen Bheru Sagar
3103	Megh Sagar Diggi	TONK	Malpura	Banas	Sodra	MINOR	old	26.378506	75.428111	3.65	902.00	0.17	0.17	0.05	785.00	Small W.Course	61.00	38.40	24.00	Chandsen Bheru Sagar
3124	Partap Sagar Diggi	TONK	Malpura	Banas	Sodra	MINOR	old	26.380317	75.458395	4.27	1,996.00	0.23	0.23	0.05	1,900.00	Small W.Course	64.77	49.80	50.00	Chandsen Bheru Sagar
3131	Ram Sagar Ganwar	TONK	Malpura	Banas	Sodra	MINOR	old	26.374130	75.332559	4.80	2.43	2.46	2.46	7.91	183.00	10.71	761.00	465.40	352.23	Chandsen Bheru Sagar
3150	Sardarpura	TONK	Malpura	Banas	Sodra	MINOR	1987	26.329877	75.364024	5.50	480.00	0.20	0.20	0.26	5,600.00	5.30	105.00	53.00	60.00	Chandsen Bheru Sagar
	Project Catchment Total											**5.96**	**3.68**				**1,363.82**	**816.80**	**643.31**	
5	Alakh Sagar Balupura	AJMER	Arain	Banas	Sodra	MINOR	State Time	26.372285	75.084246	4.69	2,400.00	0.31	0.31	NA	73.69	2.13	117.36	84.90	46.55	Tordi Sagar
223	Lapala Tank Bantheli	AJMER	Arain	Banas	Sodra	MINOR	State Time	26.271766	75.086411	4.57	1,890.00	0.91	0.90	NA	64.04	6.40	129.50	129.50	103.60	Tordi Sagar
232	Madan Sagar Akeri	AJMER	Arain	Banas	Sodra	MINOR	State Time	26.345994	75.031946	5.49	1,005.00	0.92	0.93	NA	89.51	1.25	423.50	223.40	129.50	Tordi Sagar
251	Mundoti	AJMER	Arain	Banas	Sodra	MINOR	1999	26.199505	75.128602	NA	NA	2.28	2.73	NA	467.85	6.40	1,600.00	972.00	873.16	Tordi Sagar
255	Narain Sagar Dasook	AJMER	Arain	Banas	Sodra	MINOR	State Time	26.343899	75.091248	5.03	660.00	0.55	0.60	NA	57.17	0.30	250.91	125.50	74.08	Tordi Sagar
266	Naya Talab Jhironta	AJMER	Arain	Banas	Sodra	MINOR	State Time	26.328432	75.062263	5.49	2,040.00	1.24	1.20	NA	104.74	0.60	522.06	261.00	176.45	Tordi Sagar
278	Nayasagar Mothi	AJMER	Arain	Banas	Sodra	MINOR	2006-07	26.391245	75.125794				0.20					62.75		Tordi Sagar
389	Ratansagar Devria	AJMER	Arain	Banas	Sodra	Minor	2006-07	26.220036	75.092126	NA	NA	0.66	0.55	NA	156.56	1.32	246.00	161.08	113.00	Tordi Sagar
390	Sanwarsagar Dothali	AJMER	Arain	Banas	Sodra	Minor	2006-07	26.297306	75.068622				0.34					113.00		Tordi Sagar
3179	Baldasali	TONK	Malpura	Banas	Sodra	Minor	old	26.216542	75.338087	2.74	683.00	0.13	0.12	0.04	1,319.00	Small W.Course	42.91	26.00	17.40	Tordi Sagar
3034	BirsaliBirsali	TONK	Malpura	Banas	Sodra	MINOR	old	26.218034	75.321812			0.12	0.12					26.00		Tordi Sagar
3053	Dhbru Sagar	TONK	Malpura	Banas	Sodra	MINOR	old	26.248593	75.226211	3.66	2,253.00	0.54	0.54	0.15	6,043.00	Small W.Course	230.76	97.10	76.92	Tordi Sagar
3059	Fateh Sagar	TONK	Malpura	Banas	Sodra	MINOR	old	26.258843	75.214330	2.13	1,641.00	0.14	0.14	0.07	712.00	Small W.Course	56.68	33.00	20.24	Tordi Sagar
3074	Hindalao	TONK	Malpura	Banas	Sodra	MINOR	old	26.232813	75.257236	2.66	2,896.00	0.40	0.40	0.15	1,908.00	Small W.Course	150.00	64.70	57.00	Tordi Sagar
3093	Lambia Junardar	TONK	Malpura	Banas	Sodra	MINOR	old	26.226412	75.217868	4.57	2,163.00	0.34	0.34	0.07	2,403.00	Small W.Course	85.00	67.20	49.00	Tordi Sagar
3105	Mevaliyer Sita Rampura	TONK	Malpura	Banas	Sodra	MINOR	old	26.268751	75.294449				0.34					48.60		Tordi Sagar
3106	Mewalia Naya Gaon	TONK	Malpura	Banas	Sodra	MINOR		26.283562	75.277705			0.36	0.36					52.00		Tordi Sagar
3117	Nepolao Bagri	TONK	Malpura	Banas	Sodra	MINOR	old	26.285927	75.215354	3.66	1,340.00	0.23	0.23	0.06	1,412.00	0.60	67.20	51.80	32.38	Tordi Sagar
3134	Ram Sagar Morla	TONK	Malpura	Banas	Sodra	MINOR		26.327000	75.190716			0.51	0.50					105.20		Tordi Sagar
3139	Roophali	TONK	Malpura	Banas	Sodra	MINOR	old	26.299589	75.286804	3.66	2,600.00	0.60	0.59	0.16	2,198.00	Small W.Course	218.62	141.60	85.42	Tordi Sagar
3156	Shiv Sagar Morla	TONK	Malpura	Banas	Sodra	MINOR	old	26.360921	75.187665	3.96	1,513.00	0.28	0.28	0.07	3,495.00	Small W.Course	91.00	43.30	40.48	Tordi Sagar
3158	Sindholia	TONK	Malpura	Banas	Sodra	MINOR	old	26.325061	75.247833	4.57	1,340.00	0.28	0.34	0.06	1,640.00	Small W.Course	101.21	52.60	40.48	Tordi Sagar
3017	Bala Sager Sanwariya	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.193065	75.242298	3.28	1,067.00	0.23	0.23	0.07		2.49	81.00	41.00	32.00	Tordi Sagar
3104	Mehru Sagar	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.182349	75.340830	4.57	1,432.00	0.99	0.99	3.21	3,715.00	4.27	354.25	174.00	141.70	Tordi Sagar
3115	Naya Talab Panwaliya	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.137585	75.372528	3.35	1,570.00	0.26	0.25	0.08		0.60	109.00	54.60	36.00	Tordi Sagar
3125	Pratap Pura	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.199869	75.282255	3.04	2,318.00	0.25	0.25	0.08	630.00	Small W.Course	114.17	54.60	36.48	Tordi Sagar
3168	Tamoliya Panwaliya	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.147911	75.331089	3.04	1,829.00	0.24	0.20	0.09		0.82	96.00	57.10	38.00	Tordi Sagar
	Project Catchment Total											**12.77**	**13.98**				**5,087.13**	**3,323.53**	**2,219.84**	
	Sub Basin Total											**18.73**	**17.66**				**6,450.95**	**4,140.33**	**2,863.15**	
	Basin Total											**1,316.62**	**1,040.91**				**114,460.88**	**201,135.65**	**61,520.82**	
849	Alipur	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.105329	77.307140	2.89	1219	0.15	0.14	0.32	3170	-	20	19.00	20	Ajan Lower
854	Bachhamdi	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.089719	77.348403	3.96	1,220.00	1.53	1.53	1.60	1,466.00	Nil	809.00	1,350.00	809.00	Ajan Lower
871	Bhauwa	BHARATPUR	Nadbai	Banganga	Banganga	MINOR		27.156309	77.334665			2.26	0.50					95.00		Ajan Lower
1007	Shahpur	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.149559	77.311880	3.69	3,660.00	0.99	0.99	2.40	-	Nil	445.00	320.00	445.00	Ajan Lower
859	Banda	BHARATPUR	Rupbas	Banganga	Banganga	MINOR	State Time	27.069263	77.512996	3.35	1768	2.42	2.42	-	650	-	299	299.00	299	Ajan Lower
865	Baseri	BHARATPUR	Rupbas	Banganga	Banganga	MINOR	State Time	27.088907	77.362972			0.96	0.20					38.00		Ajan Lower
874	Bhot	BHARATPUR	Rupbas	Banganga	Banganga	MINOR		27.130248	77.433451			0.18	0.10					19.00		Ajan Lower
892	Daulatgarh	BHARATPUR	Rupbas	Banganga	Banganga	MINOR		27.090185	77.502882			0.25	0.30					57.00		Ajan Lower
902	Gehlau	BHARATPUR	Rupbas	Banganga	Banganga	MINOR		27.081765	77.462996	1.01	5,280.00	0.76	0.30	NIL	480.00	NIL	64.51	57.00	64.51	Ajan Lower
967	Nekur	BHARATPUR	Rupbas	Banganga	Banganga	MINOR	State Time	27.058441	77.392647	3.58	2,010.00	2.22	2.22	3.20	NA	1.50	324.00	324.00	324.00	Ajan Lower
1018	Sahana	BHARATPUR	Rupbas	Banganga	Banganga	Minor		27.120394	77.374767				1.59					64.00		Ajan Lower
1004	Sena	BHARATPUR	Rupbas	Banganga	Banganga	MINOR		27.119173	77.408876				0.30					57.00		Ajan Lower
1015	Sukhawali	BHARATPUR	Rupbas	Banganga	Banganga	MINOR	1912	27.156480	77.441279	2.01	2,970.00	0.76	1.61	NIL	280.00	NIL	32.25	271.00	32.25	Ajan Lower
1019	Ajan bundh	BHARATPUR	Sewar	Banganga	Banganga	Minor	State Time	27.097779	77.480997	3.20	4,210.00	2.54	2.54	3.20	-	Nil	329.00	1,920.00	329.00	Ajan Lower
845	Ajan Upper	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.108333	77.508333	3.50	4,570.00	2.56	2.56	3.36	6,984.00	Nil	330.00	494.00	330.00	Ajan Lower
981	Par	BHARATPUR	Sewar	Banganga	Banganga	MINOR	-	27.148045	77.416599	1.72	2,430.00	0.36	0.35	NIL	593.00	NIL	774.19	76.00	774.19	Ajan Lower
	Project Catchment Total											**15.37**	**17.65**				**3,107.95**	**5,460.00**	**3,107.95**	
1699	Gatalao	DAUSA	Dausa	Banganga	Banganga	MINOR	1979	26.866517	76.322492	6.10	1,650.00	5.61	5.60	0.91	97.76	10.00	1,003.23	1,336.00	684.00	Kala Kho
1705	Kharli	DAUSA	Dausa	Banganga	Banganga	MINOR		26.905109	76.396117				3.20					811.00		Kala Kho
1710	Namt al ao	DAUSA	Dausa	Banganga	Banganga	MINOR	1871	26.866167	76.353263	NA	1,521.00	0.40	0.40	NA	127.40	1.82	NA	99.00	36.43	Kala Kho

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1728	Suraj pura	DAUSA	Dausa	Banganga	Banganga	Minor		26.881420	76.368997	28.50	1,400.00	1.02	1.55	69.68	143.26	4.25	245.00	221.00	145.00	Kala Kho
	Project Catchment Total											**7.03**	**10.75**				**1,248.23**	**2,467.00**	**865.43**	
1911	Mamtori	JAIPUR	Shahpura	Banganga	Banganga	MINOR		27.294219	75.922019				0.65					133.00		Ramgarh
1925	Pando	JAIPUR	Viratnagar	Banganga	Banganga	MINOR		27.374757	76.109070				0.50					89.70		Ramgarh
1942	Sakatpura	JAIPUR	Viratnagar	Banganga	Banganga	MINOR		27.304167	76.125000				0.30					57.00		Ramgarh
1947	Tanku	JAIPUR	Viratnagar	Banganga	Banganga	MINOR		27.334772	76.071717				0.65					133.00		Ramgarh
	Project Catchment Total											-	**2.10**				-	**412.70**	-	
1714	Ram pura	DAUSA	Dausa	Banganga	Banganga	MINOR	1902	27.024843	76.260474	NA	1,521.00	0.30	0.31	NA	47.22	0.36	NA	40.00	40.00	Sainthal Sagar
1859	Bheru Sagar	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	MINOR		27.054927	76.223818				1.67					400.00		Sainthal Sagar
1873	Dantli	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	MINOR		27.120990	76.153463				1.30					54.70		Sainthal Sagar
1954	Kharad	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	Minor		27.098518	76.130910				11.80					1,820.00		Sainthal Sagar
1957	Sikka wali	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	Minor		27.043809	76.255620	2.01	2,970.00	0.76	0.68	NIL	280.00	NIL	32.25	68.00	32.25	Sainthal Sagar
	Project Catchment Total											**1.06**	**15.76**				**32.25**	**2,382.70**	**72.25**	
	Basin Total											**23.46**	**46.26**				**4,388.43**	**10,722.40**	**4,045.63**	
2481	Dolia	KOTA	Ladpura	Chambal	Chambal Downstream	MINOR		24.942850	75.776058	9.84	431.50	1.11	0.98	17.11 (FTL)	104.71	1.95 Km	132.39	212.00	121.86	Alnia Irrigation Project
	Sub Basin Total											**1.11**	**0.98**				**132.39**	**212.00**	**121.86**	
1464	Motipura	BHILWARA	Mandalgarh	Chambal	Chambal Upstream	Minor		25.093858	75.357951				1.10					304.00		Jawahar Sagar Dam
1354	Pachanpura	BHILWARA	Mandalgarh	Chambal	Chambal Upstream	MINOR		25.059012	75.317402				9.28					1,479.00		Jawahar Sagar Dam
1480	Resunda	BHILWARA	Mandalgarh	Chambal	Chambal Upstream	Minor		25.070361	75.406907				6.49					130.00		Jawahar Sagar Dam
1528	Dabi	BUNDI	Talera	Chambal	Chambal Upstream	MINOR		25.073423	75.483167		541.00	0.58	1.13	N.A.			N.A.	135.00	N.A.	Jawahar Sagar Dam
1533	Ganeshpura	BUNDI	Talera	Chambal	Chambal Upstream	MINOR		25.064990	75.492515		N.A.	0.30	0.30	N.A.			N.A.	47.00	N.A.	Jawahar Sagar Dam
1555	Soothara	BUNDI	Talera	Chambal	Chambal Upstream	MINOR	-	25.089130	75.525662		N.A.	0.34	0.30	N.A.			N.A.	32.00		Jawahar Sagar Dam
1557	Thadi	BUNDI	Talera	Chambal	Chambal Upstream	MINOR		25.089811	75.505427		N.A.	0.85	0.55	N.A.			N.A.	72.00	N.A.	Jawahar Sagar Dam
1566	Adia	CHITTAURGARH	Begun	Chambal	Chambal Upstream	MINOR	1968-69	25.008333	75.044444	7.74	1,491.00	0.82	0.76	31.00	57.00	0.70	317.41	129.00	65.00	Jawahar Sagar Dam
1586	Bhanwar Pipla	CHITTAURGARH	Begun	Chambal	Chambal Upstream	MINOR	2006-07	24.891858	75.059147	17.03	690.00	1.68	1.55	0.04	232.10	7.56	423.00	392.00	333.00	Jawahar Sagar Dam
1684	Dhandra	CHITTAURGARH	Begun	Chambal	Chambal Upstream	Minor		24.943753	75.078020				0.35					74.84		Jawahar Sagar Dam
1596	Dorlai	CHITTAURGARH	Begun	Chambal	Chambal Upstream	MINOR	1994-95	24.923282	74.990537	17.20	2,999.00	8.50	8.27	0.20	657.00	10.50	1,837.00	1,571.00	1,174.00	Jawahar Sagar Dam
1686	Jalsagar	CHITTAURGARH	Begun	Chambal	Chambal Upstream	Minor		24.923148	74.990617				1.40					270.85		Jawahar Sagar Dam
1687	Kadmali	CHITTAURGARH	Begun	Chambal	Chambal Upstream	Minor	2007-08	24.960289	74.901399	11.54	270.00	0.77	0.67	0.04	266.00	2.89	155.00	144.00	130.00	Jawahar Sagar Dam
1608	Kaladeh	CHITTAURGARH	Begun	Chambal	Chambal Upstream	MINOR	1964-65	24.944949	75.040238	14.75	643.00	2.12	1.75	0.06	224.00	2.52	508.00	429.00	301.00	Jawahar Sagar Dam
1643	Rajgarh	CHITTAURGARH	Begun	Chambal	Chambal Upstream	MINOR	old	24.939061	75.010962	7.22	1,913.00	3.03	2.78	0.11	152.00	2.40	608.00	347.00	265.00	Jawahar Sagar Dam
1592	Dasunda	CHITTAURGARH	Bhainsrorgarh	Chambal	Chambal Upstream	MINOR		25.009171	75.437175				0.51					130.00		Jawahar Sagar Dam
1624	Mansarowar	CHITTAURGARH	Bhainsrorgarh	Chambal	Chambal Upstream	MINOR	old	24.928816	75.516022	4.95	624.00	0.69	0.65	37.00	57.00	1.71	189.47	185.00	92.00	Jawahar Sagar Dam
1632	Nahargarh	CHITTAURGARH	Bhainsrorgarh	Chambal	Chambal Upstream	MINOR	old	24.998490	75.372971	7.62	937.00	0.85	0.79	52.00	73.00	1.89	278.95	227.00	91.00	Jawahar Sagar Dam
1661	Shripura	CHITTAURGARH	Bhainsrorgarh	Chambal	Chambal Upstream	MINOR	old	24.966695	75.466087				0.59					141.00		Jawahar Sagar Dam
1665	Umarcha	CHITTAURGARH	Bhainsrorgarh	Chambal	Chambal Upstream	MINOR	old	24.914025	75.344584	3.43	579.00	0.85	0.79	33.00	3.00	2.00	506.07	253.00	113.00	Jawahar Sagar Dam
	Project Catchment Total											**21.39**	**40.01**				**4,822.90**	**6,492.69**	**2,564.00**	
2478	Bora bas	KOTA	Ladpura	Chambal	Chambal Upstream	MINOR	-	25.027077	75.692802				0.51					88.00		Kota Barrage
	Project Catchment Total											-	**0.51**				-	**88.00**	-	
1682	Bhawalia	CHITTAURGARH	Nimbahera	Chambal	Chambal Upstream	Minor	2003-04	24.754690	74.925716	12.97	232.00	2.56	2.31		453.06		592.00	533.30	534.00	Rana Pratap Sagar Dam
1689	Sarsi ka Naka	CHITTAURGARH	Nimbahera	Chambal	Chambal Upstream	Minor	2006-07	24.657911	74.921037	9.86	895.00	1.51	1.35		119.29	NA	444.00	383.00	383.00	Rana Pratap Sagar Dam
1683	Chacha kheri	PRATAPGARH	Arnod	Chambal	Chambal Upstream	Minor	2006-07	23.912791	74.854803	10.54	910.00	1.66	1.48		172.00	NA	450.00	277.00	318.00	Rana Pratap Sagar Dam
2729	Bajrang garh	PRATAPGARH	Pratapgarh	Chambal	Chambal Upstream	Minor	2006-07	23.990044	74.868940	10.41	1,230.00	2.01	1.84		286.72		347.00	264.00	264.00	Rana Pratap Sagar Dam
2705	Bardia	PRATAPGARH	Pratapgarh	Chambal	Chambal Upstream	MINOR	1976-77	24.221792	74.865630	7.16	350.60	1.98	1.81		196.00	3.30	445.00	735.00	207.00	Rana Pratap Sagar Dam
2712	Gadola	PRATAPGARH	Pratapgarh	Chambal	Chambal Upstream	MINOR	1963-64	24.123258	74.834311	9.75	1,707.00	5.07	4.98		398.63	7.30	1,222.00	1,098.00	713.00	Rana Pratap Sagar Dam
2730	Machalana	PRATAPGARH	Pratapgarh	Chambal	Chambal Upstream	Minor	2006-08	24.038008	74.931717	17.41	330.00	4.20	4.11		332.50	NA	735.00	588.00	597.00	Rana Pratap Sagar Dam
	Project Catchment Total											**18.99**	**17.88**				**4,235.00**	**3,878.30**	**3,016.00**	
	Sub Basin Total											**40.38**	**58.40**				**9,057.90**	**10,458.99**	**5,580.00**	
2145	Molakia	JHALAWAR	Bakani	Chambal	Kali Sindh	MINOR	State Time	24.341219	76.305545	7.01	548.78	0.71	0.62				133.00	121.40	89.00	Bhim Sagar
2119	Bhimli Pickup weir	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	State Time	24.447105	76.366815	6.00	61.00		2.41				358.00	325.77	269.00	Bhim Sagar
2130	Juna Khera	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.452800	76.296009		388.72	0.39	0.39	N.A.			100.00	80.00	56.00	Bhim Sagar
	Project Catchment Total											**1.10**	**3.42**				**591.00**	**527.17**	**414.00**	
2118	Banskheri	JHALAWAR	Pirawa	Chambal	Kali Sindh	MINOR		24.115517	75.987307				0.89					189.00		Chauli
2169	Sawant Khera	JHALAWAR	Pirawa	Chambal	Kali Sindh	Minor		24.085367	76.034733				2.09					240.00		Chauli
	Project Catchment Total											-	**2.98**				-	**429.00**	-	
2151	Pondla	JHALAWAR	Dag	Chambal	Kali Sindh	MINOR	2000-01	24.008087	75.903589	9.90	405.00	1.50	1.37		112.84		258.00	246.85	195.14	Gagrain
2159	Semli Chauhan	JHALAWAR	Pirawa	Chambal	Kali Sindh	MINOR	2005-06	24.071882	75.982486	10.07	930.00	1.07	0.98		65.03		220.00	213.00	192.00	Gagrain
	Project Catchment Total											**2.57**	**2.35**				**478.00**	**459.85**	**387.14**	
2143	Modi	JHALAWAR	Bakani	Chambal	Kali Sindh	MINOR	2003-04	24.259541	76.281530	12.62	685.00	1.44	1.33		97.85		268.82	257.89	247.41	Harishchandra Sagar
2152	Rajpura	JHALAWAR	Bakani	Chambal	Kali Sindh	MINOR	1982-83	24.400000	76.262500	7.62	1,143.00	1.96	1.90		160.18		339.00	309.58	272.00	Harishchandra Sagar
2154	Rijoda	JHALAWAR	Bakani	Chambal	Kali Sindh	MINOR		24.444969	76.259691		685.00	0.52	0.52	N.A.			116.60	114.00	66.60	Harishchandra Sagar
2165	Benaiga	JHALAWAR	Dag	Chambal	Kali Sindh	Minor		24.067383	75.882114				2.39					440.00		Harishchandra Sagar
2121	Bisthunia	JHALAWAR	Dag	Chambal	Kali Sindh	MINOR	1994-95	24.138062	75.833526	15.32	570.00	1.66	1.56				379.00	311.66	224.00	Harishchandra Sagar
2137	Kyasara	JHALAWAR	Dag	Chambal	Kali Sindh	MINOR		23.981390	75.871822		225.70	0.37	0.37	N.A.			134.00	107.00	40.00	Harishchandra Sagar
2139	Madhvi	JHALAWAR	Dag	Chambal	Kali Sindh	MINOR	2006-07	24.000565	75.831103	11.60	240.00	2.79	2.46		196.90		220.82	198.00	198.04	Harishchandra Sagar
2155	Salriya	JHALAWAR	Dag	Chambal	Kali Sindh	MINOR	2001-02	24.068671	75.857069	8.03	720.00	0.50	0.48		46.61		103.20	103.20	94.00	Harishchandra Sagar

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2160	Singhpur	JHALAWAR	Dag	Chambal	Kali Sindh	MINOR	2001-02	24.144097	75.765208	9.41	525.00	1.16	1.08		82.41		201.30	201.30	163.06	Harishchandra Sagar
2163	Vinayaka	JHALAWAR	Dag	Chambal	Kali Sindh	MINOR		24.072951	75.881482				2.53					439.88		Harishchandra Sagar
2122	Borda	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	1997-98	24.425565	76.210077	11.50	1,110.00	2.58	2.32		240.05		486.00	413.99	328.00	Harishchandra Sagar
2123	Chandra Sarovar	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.584001	76.154069		45.73	1.70	1.07	N.A.			N.A.	154.00	123.00	Harishchandra Sagar
2125	Durgapura	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.625991	76.145791		975.61	1.39	1.39	N.A.			220.00	201.00		Harishchandra Sagar
2127	Gordhanpura	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	State Time	24.568192	76.264020	10.36	243.90	2.58	2.36					418.84	269.00	Harishchandra Sagar
2132	Kadila	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	State Time	24.623691	76.215742	9.14	45.73	4.08	3.95				378.00	343.98	275.00	Harishchandra Sagar
2136	Kishan Sagar	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.624573	76.114476		1,280.48	1.59	1.59	N.A.			N.A.	189.00	150.00	Harishchandra Sagar
2138	Madan Sagar	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.542097	76.171205		213.41	1.98	1.70	N.A.			N.A.	243.00	160.00	Harishchandra Sagar
2141	Mandawar	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.585766	76.240782		213.41	1.44	1.44	N.A.			N.A.	238.00	190.00	Harishchandra Sagar
2142	Mathniya	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	1996-97	24.315451	75.833016	12.06	645.00	1.76	1.75		148.23		365.00	334.00	246.00	Harishchandra Sagar
2144	Mogra	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	1997-98	24.350833	75.898056	8.73	1,140.00	3.18	2.61		574.51		480.86	446.00	364.00	Harishchandra Sagar
2146	Mundliya kheri	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	State Time	24.515443	76.140754				4.36					590.83		Harishchandra Sagar
2147	Naka Sama	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.331285	75.822749		502.00	0.66	0.66	N.A.			160.00	129.00	88.00	Harishchandra Sagar
2148	Narayanpura	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	2006-07	24.676446	76.134049	9.21	600.00	0.47	0.42		61.79		101.17	85.00	85.00	Harishchandra Sagar
2149	Nimoda	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.526574	76.114002		720.00	0.88	0.88	N.A.			210.00	189.00	113.00	Harishchandra Sagar
2153	Ram Niwas Ghatod	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.473715	75.925140		640.24	0.28	0.28	N.A.			63.00	56.00	36.00	Harishchandra Sagar
2168	Salkhera	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	Minor	2006-07	24.441862	76.169681	12.14	202.45	0.57	0.57		214.20		170.00	136.00	106.26	Harishchandra Sagar
2156	Sarankheri	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	1982-83	24.469683	76.145218	16.00	960.00	6.23	5.72		330.00		1,444.00	1,376.71	827.00	Harishchandra Sagar
2161	Tai ka Khera	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	2005-06	24.418273	75.913786	10.60	1,020.00	1.60	1.53		109.60		291.00	279.25	227.00	Harishchandra Sagar
2164	Amin Kheri	JHALAWAR	Pirawa	Chambal	Kali Sindh	Minor		24.189199	75.914827		411.48	0.69	0.64	N.A.			132.00	119.00	62.00	Harishchandra Sagar
2124	Dobra	JHALAWAR	Pirawa	Chambal	Kali Sindh	MINOR		24.351700	76.130134	11.72	540.00	0.80	1.05		69.61		126.32	214.00	119.43	Harishchandra Sagar
2157	Sarkheri	JHALAWAR	Pirawa	Chambal	Kali Sindh	MINOR	2001-02	24.088100	76.073227	9.90	800.00	0.54	0.51		68.88		114.57	112.55	100.00	Harishchandra Sagar
	Project Catchment Total											**45.40**	**51.42**				**6,504.66**	**8,751.66**	**5,173.80**	
651	Kachri Lift	BARAN	Atru	Chambal	Kali Sindh	MINOR		24.859072	76.613005				12.52					1,788.00		Parwan Lift
675	Mothpur	BARAN	Atru	Chambal	Kali Sindh	Minor		24.739269	76.623037		1,590.00	0.14	0.14	N.A.			N.A.	40.80	N.A.	Parwan Lift
656	Motipura	BARAN	Atru	Chambal	Kali Sindh	MINOR		24.713615	76.654482				0.14					40.00		Parwan Lift
	Project Catchment Total											**0.14**	**12.79**				-	**1,868.80**	-	
633	Amar	BARAN	Chhipabarod	Chambal	Kali Sindh	MINOR		24.466902	76.644941				1.07					153.00		Parwan Pickup Weir
650	Kachnariya Khurd	BARAN	Chhipabarod	Chambal	Kali Sindh	MINOR		24.430926	76.734545				2.71					322.00		Parwan Pickup Weir
2167	Jarawatpura	JHALAWAR	Bakani	Chambal	Kali Sindh	Minor	2000-01	24.259015	76.510454	10.35	1,050.00	2.83	2.50		288.68		375.00	374.73	354.66	Parwan Pickup Weir
2170	Talawda	JHALAWAR	Bakani	Chambal	Kali Sindh	Minor	2005-06	24.205370	76.520098	11.50	405.00	0.74	0.74		71.37		180.56	140.56	128.00	Parwan Pickup Weir
2166	Chajliya	JHALAWAR	Manohar Thana	Chambal	Kali Sindh	Minor	2008	24.312022	76.658378	10.51	1,215.00	2.19	1.94		159.92		457.00	408.00	600.00	Parwan Pickup Weir
2131	Juna Pani	JHALAWAR	Manohar Thana	Chambal	Kali Sindh	MINOR		24.282538	76.812623	12.00	423.00	0.62	0.56		61.84		123.10	119.00	118.62	Parwan Pickup Weir
2133	Kalikhar	JHALAWAR	Manohar Thana	Chambal	Kali Sindh	MINOR	2008	24.233888	76.840181	18.56	2,370.00	14.65	10.86		1,222.99		1,727.00	1,922.00	1,639.00	Parwan Pickup Weir
2134	Kanwariya kheri	JHALAWAR	Manohar Thana	Chambal	Kali Sindh	MINOR	2005-06	24.186231	76.742739	11.15	285.00	0.47	0.45		37.43		107.00	96.00	96.00	Parwan Pickup Weir
2150	Parliya	JHALAWAR	Manohar Thana	Chambal	Kali Sindh	MINOR		24.430661	76.458576				0.58					101.00		Parwan Pickup Weir
	Project Catchment Total											**21.50**	**21.41**				**2,969.66**	**3,636.29**	**2,936.28**	
2140	Mahodia	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR		24.352262	75.764857				0.80					116.00		Piplad
	Project Catchment Total											-	**0.80**				-	**116.00**	-	
	Sub Basin Total											**70.71**	**95.17**				**10,543.32**	**15,788.77**	**8,911.22**	
1256	Kabria	BHILWARA	Mandalgarh	Chambal	Mej	MINOR		25.270833	75.386111				0.53					70.00		Abhaypura
1417	Shiv Sagar B.M.	BHILWARA	Mandalgarh	Chambal	Mej	MINOR		25.202364	75.364135				2.05					421.00		Abhaypura
	Project Catchment Total											-	**2.58**				-	**491.00**	-	
1551	Roon ka khal	BUNDI	Hindoli	Chambal	Mej	MINOR		25.339470	75.422829		503.00	1.39	1.32	N.A.			N.A.	190.00	N.A.	Bhimlat Dam
	Project Catchment Total											**1.39**	**1.32**				-	**190.00**	-	
1122	Biletha	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.608718	75.386971				0.45					88.00		Bundi Ka Gothra
1232	Itunda	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.627104	75.397187				0.51					97.00		Bundi Ka Gothra
1365	Penghatia	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.657999	75.395733				1.13					249.00		Bundi Ka Gothra
1523	Basani	BUNDI	Hindoli	Chambal	Mej	MINOR	-	25.690437	75.427490		N.A.	0.18	0.15	N.A.			N.A.	80.00	N.A.	Bundi Ka Gothra
1524	Batwari	BUNDI	Hindoli	Chambal	Mej	MINOR		25.661553	75.448897				3.23					307.57		Bundi Ka Gothra
1549	Pech Ki Baori	BUNDI	Hindoli	Chambal	Mej	MINOR	1958	25.640185	75.445307	8.20	883.87	5.62	5.60	159.00	378.06	22.20	1,725.00	946.00	1,037.00	Bundi Ka Gothra
3128	Rajkalan Anwa	TONK	Deoli	Chambal	Mej	MINOR	old	25.796387	75.616767	4.42	365.00	0.34	0.34	0.08	1,260.00	1.37	121.46	78.00	48.58	Bundi Ka Gothra
3129	Rajkot	TONK	Deoli	Chambal	Mej	MINOR	old	25.728192	75.574329	4.50	2,377.00	0.50	0.50	0.11	2,520.00	7.45	188.66	132.00	70.44	Bundi Ka Gothra
3149	Sardarpur	TONK	Deoli	Chambal	Mej	MINOR		25.767314	75.613834			1.41	1.41					242.00		Bundi Ka Gothra
3160	Sitapur	TONK	Deoli	Chambal	Mej	MINOR	old	25.782436	75.567698	5.18	511.00	0.40	0.40	0.08	2,548.00		141.70	91.00	56.68	Bundi Ka Gothra
3172	Titora	TONK	Deoli	Chambal	Mej	MINOR		25.737797	75.580839				1.23					227.00		Bundi Ka Gothra
	Project Catchment Total											**8.45**	**14.95**				**2,176.82**	**2,537.57**	**1,212.70**	
1547	Palka Upper	BUNDI	Bundi	Chambal	Mej	MINOR	-	25.140503	75.527493		N.A.	0.23	0.16	N.A.			N.A.	24.00	N.A.	Burdha Dam
1548	Pallka Lower	BUNDI	Bundi	Chambal	Mej	MINOR	-	25.165044	75.584105				0.16					32.00		Burdha Dam
1525	Bhawanipura	BUNDI	Talera	Chambal	Mej	MINOR	-	25.099555	75.576286		N.A.	0.36	0.36	N.A.			N.A.	36.00	N.A.	Burdha Dam
1531	Dhaneshwar	BUNDI	Talera	Chambal	Mej	MINOR	-	25.079067	75.591848		N.A.	0.34	0.30	N.A.			N.A.	48.00	N.A.	Burdha Dam
1532	Dora	BUNDI	Talera	Chambal	Mej	MINOR		25.186457	75.637681		N.A.	0.20	0.20	N.A.			N.A.	32.00	N.A.	Burdha Dam
1538	Kanwarpura	BUNDI	Talera	Chambal	Mej	MINOR	-	25.118677	75.578903		N.A.	0.60	0.50	N.A.			N.A.	40.00	N.A.	Burdha Dam
	Project Catchment Total											**1.73**	**1.68**				-	**212.00**	-	
1539	Khanpura	BUNDI	Nainwa	Chambal	Mej	MINOR	-	25.763128	75.847476		N.A.	0.45	0.28	N.A.			N.A.	40.00	N.A.	Dugari
1546	Paibalapura	BUNDI	Nainwa	Chambal	Mej	MINOR	1957	25.707879	75.881206	14.53	3,341.00	12.97	10.08	0.19	611.00	5.19	2,490.00	1,900.00	1,899.00	Dugari

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	Project Catchment Total											**13.42**	**10.36**				**2,490.00**	**1,940.00**	**1,899.00**	
1482	Bheru Sagar Media	BHILWARA	Jahazpur	Chambal	Mej	Minor		25.544644	75.350686	8.96	640.00	0.64	1.77	2.60	3,950.00	2.49	101.92	93.00	84.00	Gudha
1077	Daigosula	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.495768	75.310332				0.46					113.00		Gudha
1483	Dev Narayan Sagar Samelia	BHILWARA	Jahazpur	Chambal	Mej	Minor		25.418583	75.180172	11.23	1,105.00	1.40	1.27	8.90	16,002.00	2.40	222.27	202.00	182.59	Gudha
1282	Kheruna	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.467261	75.280756				0.59					209.00		Gudha
1337	Navratan Sagar	BHILWARA	Jahazpur	Chambal	Mej	MINOR	2000	25.525585	75.342271	12.50	1,158.00	2.26	2.04	7.90	13,707.00	4.98	-	392.00	278.00	Gudha
1364	Patiyal	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.363889	75.245833				1.53					258.00		Gudha
1370	Pitha Ka Mand	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.372134	75.223919				1.01					169.00		Gudha
1386	Ratangarh	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.410723	75.243325				0.40					114.00		Gudha
1414	Shambhu Sagar Talab	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.559503	75.333953				0.38					72.00		Gudha
1121	Bikran	BHILWARA	Mandalgarh	Chambal	Mej	MINOR		25.303168	75.243286				0.31					66.00		Gudha
1479	Dhobi ghatta	BHILWARA	Mandalgarh	Chambal	Mej	Minor		25.305273	75.243517	NA	1,030.00	16.96	0.32	NA	2,334.00	0.90	61.00	47.00		Gudha
1252	Judeka Naka	BHILWARA	Mandalgarh	Chambal	Mej	MINOR		25.320807	75.331658				1.72					355.00		Gudha
1332	Nathji-ka-Khera	BHILWARA	Mandalgarh	Chambal	Mej	MINOR		25.210832	75.298582				0.42					64.00		Gudha
1412	Shakargarh	BHILWARA	Mandalgarh	Chambal	Mej	MINOR		25.251998	75.293609	11.13	2,156.00	4.31	3.81	-	2,500.00	7.44	-	829.00	747.00	Gudha
1481	Sushila Sagar	BHILWARA	Mandalgarh	Chambal	Mej	Minor		25.309192	75.317585	NA	NA	1.43	1.98	NA	121.29	41.20	738.32	295.00	611.08	Gudha
1518	Amargarh Kalichat	BUNDI	Hindoli	Chambal	Mej	MINOR		25.342283	75.335509				0.85					160.00		Gudha
1534	Gar Gurjaniya	BUNDI	Hindoli	Chambal	Mej	MINOR		25.442020	75.344046				1.07					105.00		Gudha
1543	Mardia	BUNDI	Hindoli	Chambal	Mej	MINOR	1995	25.386415	75.327122	9.50	435.00	3.96	3.52	96.00	138.38	3.30	804.66	555.00	792.00	Gudha
1558	Vijay Garh II	BUNDI	Hindoli	Chambal	Mej	MINOR		25.513482	75.411651		N.A.	0.25	0.45	N.A.			N.A.	57.00	N.A.	Gudha
1559	Vijay Garh	BUNDI	Hindoli	Chambal	Mej	MINOR	-	25.516616	75.418295		N.A.	0.15	0.15	N.A.			N.A.	57.00	N.A.	Gudha
	Project Catchment Total											**31.36**	**24.05**				**1,928.17**	**4,212.00**	**2,694.67**	
	Sub Basin Total											**56.35**	**54.94**				**6,594.99**	**9,582.57**	**5,806.37**	
641	Bilas garh	BARAN	Kishanganj	Chambal	Parwati	MINOR		25.047884	76.829439				2.19					288.00		Bilas Dam
	Project Catchment Total											-	**2.19**				-	**288.00**	-	
639	Bhanwar garh	BARAN	Kishanganj	Chambal	Parwati	MINOR		25.080103	76.798998				1.41					210.00		Gopalpura
672	Sitabari	BARAN	Kishanganj	Chambal	Parwati	Saran		25.165088	76.734513				12.25					1,101.00		Gopalpura
637	Balda	BARAN	Shahbad	Chambal	Parwati	MINOR		25.106791	76.887039				1.18					169.00		Gopalpura
648	Hatwari	BARAN	Shahbad	Chambal	Parwati	MINOR		25.106026	76.911076		2,374.00	0.76	0.76	N.A.			N.A.	108.00	N.A.	Gopalpura
653	Kelwara	BARAN	Shahbad	Chambal	Parwati	MINOR		25.134723	76.875913		750.00	0.36	0.36	N.A.			N.A.	120.00	N.A.	Gopalpura
676	Narayan Khera	BARAN	Shahbad	Chambal	Parwati	Minor		25.115498	76.997459	8.90	3,540.00	6.69	3.93	144.00	261.12		960.61	200.00	815.00	Gopalpura
	Project Catchment Total											**7.81**	**19.89**				**960.61**	**1,908.00**	**815.00**	
649	Hindlot	BARAN	Chhabra	Chambal	Parwati	MINOR		24.588899	76.939258	19.70	1,590.00	28.88	13.92	387.88	1,261.00		Dedicated to RVUNL	1,973.00		Parwati Pickup Weir
658	Pach kui	BARAN	Chhipabarod	Chambal	Parwati	MINOR		24.648746	76.663706		564.00	0.63	0.63	N.A.			N.A.	102.00	N.A.	Parwati Pickup Weir
661	Phaliya	BARAN	Chhipabarod	Chambal	Parwati	MINOR	2005	24.688091	76.616866	9.05	448.00	5.33	1.61	52.00	122.54		438.00	343.00	-	Parwati Pickup Weir
671	Utawali	BARAN	Chhipabarod	Chambal	Parwati	MINOR	-	24.673888	76.740725	8.38	1,440.00	0.62	4.45	94.73	230.78		856.00	710.00	638.00	Parwati Pickup Weir
635	Badipura	BARAN	Kishanganj	Chambal	Parwati	MINOR		24.873525	76.884681				3.73					656.00		Parwati Pickup Weir
655	Mahodari	BARAN	Kishanganj	Chambal	Parwati	MINOR	-	24.879860	76.788726	8.79	2,941.00	1.50	2.20	-	136.70		498.00	421.00	252.00	Parwati Pickup Weir
	Project Catchment Total											**36.96**	**26.54**				**1,792.00**	**4,205.00**	**890.00**	
670	Sunda	BARAN	Kishanganj	Chambal	Parwati	MINOR		25.170904	76.848801				0.69					99.00		Ummed SagarC
654	Khatka	BARAN	Shahbad	Chambal	Parwati	MINOR	1980	25.202460	77.033214	11.48	1,966.00	4.78	3.01	122.46	242.20		729.00	620.00	418.00	Ummed SagarC
662	Rampura	BARAN	Shahbad	Chambal	Parwati	MINOR		25.260231	77.076048		936.00	1.90	1.09	N.A.			N.A.	156.00	N.A.	Ummed SagarC
663	Ratai	BARAN	Shahbad	Chambal	Parwati	MINOR	1979	25.138954	77.062953	9.75	914.00	7.46	9.58	-	622.60		1,700.00	1,312.00	1,118.00	Ummed SagarC
665	Seharol telhati	BARAN	Shahbad	Chambal	Parwati	MINOR		25.205537	77.078022		320.00	1.33	0.70	N.A.			N.A.	100.00	N.A.	Ummed SagarC
666	Semali Phatak	BARAN	Shahbad	Chambal	Parwati	MINOR		25.252663	77.082723		2,315.00	2.36	4.00	87.59			497.30	121.00	407.53	Ummed SagarC
	Project Catchment Total											**17.83**	**19.07**				**2,926.30**	**2,408.00**	**1,943.53**	
	Sub Basin Total											**62.60**	**67.70**				**5,678.91**	**8,809.00**	**3,648.53**	
	Basin Total											**231.14**	**277.19**				**32,007.51**	**44,851.33**	**24,067.98**	
1036	Parua	BHARATPUR	Bayana	Gambhir	Gambhir	Minor		26.810369	77.392876				0.80					259.10		Baretha
	Project Catchment Total											-	**0.80**				-	**259.10**	-	
2466	Madan Sagar	KARAULI	Karauli	Gambhir	Gambhir	Minor		26.688276	77.190570				0.80					175.00		Juggar
	Project Catchment Total											-	**0.80**				-	**175.00**	-	
2471	Bheetke	KARAULI	Karauli	Gambhir	Gambhir	Minor		26.536690	77.144349				0.35					40.00		Panchana Dam
2432	Doriyan Ka Tal	KARAULI	Karauli	Gambhir	Gambhir	MINOR		26.646960	77.198290				1.13					172.90		Panchana Dam
2446	Madanpur	KARAULI	Karauli	Gambhir	Gambhir	MINOR		26.676206	77.206508				0.88					182.20		Panchana Dam
2465	Zerda	KARAULI	Karauli	Gambhir	Gambhir	MINOR		26.508068	77.130973				0.27					60.70		Panchana Dam
	Project Catchment Total											-	**2.63**				-	**455.80**	-	
	Basin Total											-	**4.24**				-	**889.90**	-	
1985	Checkla Bund	JALORE	Jaswantpura	Luni	Bandi	MINOR		24.827095	72.437805	6.95 M	1105.0 M	0.24	0.18	-	46.41	480.00 m	-	35.00	35.00 5.00	Bandi Sendra
2051	Pawati bund	JALORE	Jaswantpura	Luni	Bandi	MINOR		24.889674	72.453580	7.50	227.00	0.13	0.13	-	37.58			25.00	25.00	Bandi Sendra
2056	Puran Bund	JALORE	Jaswantpura	Luni	Bandi	MINOR		24.761542	72.489867	9.33	587.50	0.53	0.42	-	152.68	5400 ft.	99.20	121.00	61.00	Bandi Sendra
2098	Uchmat bund	JALORE	Jaswantpura	Luni	Bandi	MINOR		24.776276	72.448006		788.00	0.77	0.70	-	147.30		260.50	238.58	100.58	Bandi Sendra
2099	Vada Bhavji bund	JALORE	Jaswantpura	Luni	Bandi	MINOR		24.769662	72.467836	6.84	147.00	0.22	0.22	-	61.70	0.54 km	47.00	46.15	31.98	Bandi Sendra
2945	Amlari	SIROHI	Sirohi	Luni	Bandi	MINOR		24.768312	72.553575	6.10	697.17	0.43	0.33	0.19	1,900.00	2.00	86.23	59.60	35.63	Bandi Sendra
3006	Kurnia	SIROHI	Sirohi	Luni	Bandi	Minor		24.788964	72.548207	3.54	159.45	0.28	0.27	NA	2,310.00	1.20	50.60	46.96	37.65	Bandi Sendra
2985	Nimbora	SIROHI	Sirohi	Luni	Bandi	MINOR	1997-98	24.886384	72.552312	10.43	1,620.00	0.95	1.94	0.55	11,010.00	3.90	727.00	499.00	276.81	Bandi Sendra

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2991	Punawa	SIROHI	Sirohi	Luni	Bandi	MINOR		24.759622	72.522324	6.00	410.00	0.42	0.42	0.09	2,276.00	1.40	85.43	70.00	48.58	Bandi Sendra
	Sub Basin Total											**3.96**	**4.61**				**1,355.96**	**1,141.29**	**617.23**	
164	Jalia Pithawas	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.929651	74.180618	NA	145.00	14.78	0.40	NA	5,525.00	2.56	122.00	99.00	57.00	Raipur Luni
170	Jawaja Tank	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	26.039513	74.205507	NA	378.00	2.25	2.24	NA	4,816.00	7.85	670.18	528.00	321.00	Raipur Luni
225	Lassri Tank	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.900000	74.166667	NA	490.00	31.69	0.90	NA	3,761.00	5.46	263.00	210.00	125.00	Raipur Luni
230	Lothiyana Talab	AJMER	Jawaja	Luni	Guhiya	MINOR		25.894056	74.190133				0.30					80.00		Raipur Luni
300	Prem Sagar Kalingar	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	26.018093	74.169095	NA	670.00	8.07	0.20	NA	940.00	1.67	48.00	36.00	26.00	Raipur Luni
324	Rata Bhata	AJMER	Jawaja	Luni	Guhiya	MINOR		25.905556	74.172222	NA	100.00	6.09	0.20	NA	4,596.00	1.58	44.00	36.00	24.00	Raipur Luni
347	Sheron Ka Bala	AJMER	Jawaja	Luni	Guhiya	MINOR		25.880634	74.137440				0.50					95.00		Raipur Luni
2673	Salnadi	PALI	Raipur	Luni	Guhiya	MINOR		25.982999	74.062353	6.20	1,590.00	0.61	0.61	NA	92.31	1.14	135.97	94.00	81.83	Raipur Luni
	Project Catchment Total											**63.49**	**5.35**				**1,283.15**	**1,178.00**	**634.83**	
60	Banjaree Talab	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.785729	74.050889	NA	80.00	6.70	0.19	NA	540.00	3.10	48.00	32.00	27.00	Sardar Samand
74	Bhaduka Talab	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.776701	74.023479	NA	56.00	8.00	0.23	NA	2,536.00	1.90	66.00	40.00	32.00	Sardar Samand
81	Bheem Gagelav	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.747243	74.000748	NA	28.00	6.50	0.18	NA	871.00	2.46	48.00	40.00	26.00	Sardar Samand
91	Borawas Talab	AJMER	Jawaja	Luni	Guhiya	MINOR		25.776095	73.965293				0.16					30.00		Sardar Samand
202	Kharunja Borkh	AJMER	Jawaja	Luni	Guhiya	MINOR		25.754014	73.998614				0.20					28.00		Sardar Samand
215	Kolatalab Bhagmal	AJMER	Jawaja	Luni	Guhiya	MINOR		25.799261	73.988928				0.20					40.00		Sardar Samand
217	Laburi Tank	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.797040	74.007878	NA	240.00	12.33	0.33	NA	2,797.00	2.08	88.00	44.00	47.00	Sardar Samand
226	Latelao Badakheda	AJMER	Jawaja	Luni	Guhiya	MINOR		25.791424	74.023670				0.14					26.00		Sardar Samand
282	Padabhagard (Bada kheda)	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.805556	74.041667	NA	360.00	6.00	0.20	NA	1,241.00	2.25	52.00	36.00	24.00	Sardar Samand
330	Roop Nagar Arnali	AJMER	Jawaja	Luni	Guhiya	MINOR	State Time	25.796117	74.051321	NA	67.00	21.73	0.62	NA	743.00	2.39	120.00	100.00	85.00	Sardar Samand
2204	Bairna Anicut-I	JODHPUR	Bilara	Luni	Guhiya	MINOR		26.114714	73.757892				0.14					31.61		Sardar Samand
2378	Barna BundhII	JODHPUR	Bilara	Luni	Guhiya	Minor		26.113643	73.765354				0.09					13.00		Sardar Samand
2244	Borunda Bandh	JODHPUR	Bilara	Luni	Guhiya	MINOR		26.095582	73.479293				1.45					259.00		Sardar Samand
2296	Khutlia Anicut	JODHPUR	Bilara	Luni	Guhiya	MINOR		26.085068	73.506382				0.08					12.00		Sardar Samand
2410	Pipalia Ganwai Nadi Anicut	JODHPUR	Bilara	Luni	Guhiya	Minor		26.145009	73.666113				0.06					9.00		Sardar Samand
2619	Govind Sagar Bandh	PALI	Raipur	Luni	Guhiya	MINOR		26.081757	73.831004	1.22	2,683.00	0.44	0.49	NA	1,350.00	-		80.00	80.00	Sardar Samand
2600	Bandi Nehra	PALI	Sojat	Luni	Guhiya	MINOR	2006-07	25.884323	73.977274	8.75	7,200.00	7.36	6.51		2,603.60	17.65	1,456.00	1,452.00	1,162.00	Sardar Samand
2608	Deoli Hulla Bandh	PALI	Sojat	Luni	Guhiya	MINOR		25.915597	73.911362	1.98	976.00	0.71	0.71	NA	4,970.00	1.24	71.00	59.00	51.00	Sardar Samand
2609	Dhakri Bandh	PALI	Sojat	Luni	Guhiya	MINOR		25.918618	73.579598	1.82	1,585.00	0.59	0.59	NA	4,300.00	-	439.00	120.00	86.00	Sardar Samand
2618	Godelao Bandh	PALI	Sojat	Luni	Guhiya	MINOR		26.045999	73.582110	2.44	311.00	0.67	0.64	NA	4,756.00	-	91.00	88.00	85.00	Sardar Samand
2698	Jaipalia	PALI	Sojat	Luni	Guhiya	Minor		26.016535	73.479885	6.18	50.00	0.13	0.10	NA	25.75	-	-	23.00	-	Sardar Samand
2638	Khokhra Bandh	PALI	Sojat	Luni	Guhiya	MINOR		25.949550	73.763459	1.83	3,523.00	0.60	0.60	NA	3,560.00	-		109.00	109.00	Sardar Samand
2647	Mandala Bandh	PALI	Sojat	Luni	Guhiya	MINOR		25.961400	73.732747	3.00	655.00	0.22	0.22	NA	875.00	1.32	56.00	50.00	35.00	Sardar Samand
2665	Raj Sagar Chopra	PALI	Sojat	Luni	Guhiya	MINOR	State Time	26.054074	73.455110	4.60	7,680.00	8.16	8.00	NA	13,667.00	9.90	2,397.00	1,670.00	1,320.00	Sardar Samand
2667	Ramasani bala Bandh	PALI	Sojat	Luni	Guhiya	MINOR		25.975646	73.682011	3.75	630.00	0.55	0.55	NA	3,266.00	1.80	107.00	104.00	74.00	Sardar Samand
2669	Reparawas Bandh	PALI	Sojat	Luni	Guhiya	MINOR		26.068786	73.558355				0.32					93.00		Sardar Samand
2670	Rodawas	PALI	Sojat	Luni	Guhiya	MINOR		25.831238	73.917400				1.27					190.00		Sardar Samand
	Project Catchment Total											**80.69**	**24.27**				**5,039.00**	**4,778.61**	**3,243.00**	
	Sub Basin Total											**144.18**	**29.62**				**6,322.15**	**5,956.61**	**3,877.83**	
2593	Amliya	PALI	Bali	Luni	Jawai	MINOR		24.856274	73.127468				0.95					145.00		Jawai Bund
2664	Raghunathpura-III Bundh	PALI	Bali	Luni	Jawai	MINOR		25.001093	73.107032				1.06					195.00		Jawai Bund
2679	Shvnath Sagar	PALI	Bali	Luni	Jawai	MINOR	State Time	25.023860	73.220132	20.10	82.30	1.41	1.42	NA	43.58	900.00	522.00	426.00	240.00	Jawai Bund
2682	Sohangiri ka Balla	PALI	Bali	Luni	Jawai	MINOR		24.934745	73.264733				0.67					167.00		Jawai Bund
2688	Velar Bandh	PALI	Bali	Luni	Jawai	MINOR		24.965734	73.094519	13.00	1,341.00	0.40	0.39	NA	29.20	510.00	-	48.00	25.60	Jawai Bund
	Sub Basin Total											**1.81**	**4.49**				**522.00**	**981.00**	**265.60**	
2385	Chokidaro wala Bundh	JODHPUR	Bhopalgarh	Luni	Jojri	Minor		26.503802	73.702357				0.24					34.80		Bisalpura Bund
2397	Khajuriyo ki Dhani Anicut	JODHPUR	Bhopalgarh	Luni	Jojri	Minor		26.531382	73.707256				0.11					43.72		Bisalpura Bund
2297	Kosana Anicut	JODHPUR	Bhopalgarh	Luni	Jojri	MINOR		26.446997	73.637767				0.34					49.00		Bisalpura Bund
2403	Madpuria Bundh	JODHPUR	Bhopalgarh	Luni	Jojri	Minor		26.542407	73.709872				0.15					78.10		Bisalpura Bund
2414	Ratadi Khadeen	JODHPUR	Bhopalgarh	Luni	Jojri	Minor		26.561231	73.579407				0.05					20.00		Bisalpura Bund
2346	Ratria Anicut	JODHPUR	Bhopalgarh	Luni	Jojri	MINOR		26.572333	73.568217				0.07					10.00		Bisalpura Bund
2415	Sarno ki Dhani Khadeen	JODHPUR	Bhopalgarh	Luni	Jojri	Minor		26.453144	73.560094				0.11					16.00		Bisalpura Bund
2416	Sathin Anicut	JODHPUR	Bhopalgarh	Luni	Jojri	Minor		26.465984	73.569466				0.18					30.00		Bisalpura Bund
2362	Swamiyonwala Khadeen	JODHPUR	Bhopalgarh	Luni	Jojri	MINOR		26.502778	73.595833				0.29					132.00		Bisalpura Bund
2207	Bala Bandh	JODHPUR	Bilara	Luni	Jojri	MINOR		26.285851	73.590149				0.36					194.00		Bisalpura Bund
2222	Benan Bandh	JODHPUR	Bilara	Luni	Jojri	MINOR		26.318851	73.428248				0.57					82.00		Bisalpura Bund
2242	Birawas Anicut	JODHPUR	Bilara	Luni	Jojri	MINOR		26.260282	73.656940				0.14					20.00		Bisalpura Bund
2247	Chandelao anicut	JODHPUR	Bilara	Luni	Jojri	MINOR		26.246136	73.392363				0.09					13.00		Bisalpura Bund
2260	Garsuria Anicut	JODHPUR	Bilara	Luni	Jojri	MINOR		26.443196	73.734024				0.16					24.69		Bisalpura Bund
2261	Ghana Magra Anicut	JODHPUR	Bilara	Luni	Jojri	MINOR		26.277699	73.613908				0.06					8.00		Bisalpura Bund
2276	Jaliwara bund	JODHPUR	Bilara	Luni	Jojri	MINOR		26.411422	73.591623				4.83					903.49		Bisalpura Bund
2396	Khadi Nadi Anicut	JODHPUR	Bilara	Luni	Jojri	Minor		26.261786	73.478725				0.06					8.00		Bisalpura Bund
2309	Madalia Bandh	JODHPUR	Bilara	Luni	Jojri	MINOR		26.430928	73.706017				0.42					120.00		Bisalpura Bund
2402	Madiya Kalan Khadeen	JODHPUR	Bilara	Luni	Jojri	Minor		26.420392	73.700195				0.09					82.75		Bisalpura Bund
2408	Natwali Nadi Anicut	JODHPUR	Bilara	Luni	Jojri	Minor		26.406518	73.561842				0.06					9.80		Bisalpura Bund
2336	Pipara City Tank	JODHPUR	Bilara	Luni	Jojri	MINOR		26.395460	73.547673				0.38					54.00		Bisalpura Bund

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2347	Ravmiyana Anicut	JODHPUR	Bilara	Luni	Jojri	MINOR		26.390335	73.655973				0.08					12.00		Bisalpura Bund
2357	Sindhiyon Ki Dhani II	JODHPUR	Bilara	Luni	Jojri	MINOR		26.237154	73.479724				0.07					20.00		Bisalpura Bund
	Sub Basin Total											-	**8.92**				-	**1,965.35**	-	
3003	Velangiri	SIROHI	Sirohi	Luni	Khari	MINOR		24.807795	72.719843				0.54					126.00		Angore Dam
	Project Catchment Total											-	**0.54**				-	**126.00**	-	
2987	Palri K	SIROHI	Sheoganj	Luni	Khari	MINOR		24.990379	72.933815				0.54					143.00		Ora Bund
2953	Chadwal	SIROHI	Sirohi	Luni	Khari	MINOR		24.903036	72.847717	6.10	341.77	0.79	0.77	0.43	5,050.00	1.44	289.07	135.97	49.80	Ora Bund
	Project Catchment Total											**0.79**	**1.31**				**289.07**	**278.97**	**49.80**	
	Sub Basin Total											**0.79**	**1.85**				**289.07**	**404.97**	**49.80**	
2595	Bagol Bundh	PALI	Desuri	Luni	Khari (Hemawas)	MINOR		25.379210	73.668705	5.94	79.00	0.26	0.26	NA	101.88	780.00	119.60	48.00	35.60	Hemawas Bund
2639	Kollar Bandh	PALI	Desuri	Luni	Khari (Hemawas)	MINOR		25.414436	73.666710	5.88	24.00	0.74	0.74	NA	47.26	1,050.00	199.60	150.00	104.00	Hemawas Bund
2644	Magartalao Bandh	PALI	Desuri	Luni	Khari (Hemawas)	MINOR		25.405200	73.657067	4.87	949.40	0.28	0.28	NA	14.16	1,355.00	186.00	60.00	59.00	Hemawas Bund
2646	Mamawas Bandh	PALI	Marwar Junction	Luni	Khari (Hemawas)	MINOR		25.533780	73.621291	1.52	5,915.00	0.27	0.27	NA	4,156.00		53.00	50.00	30.00	Hemawas Bund
2668	Renia Bandh	PALI	Marwar Junction	Luni	Khari (Hemawas)	MINOR		25.516995	73.786699	3.96	183.00	0.96	0.96	NA	6,750.00	2.22	162.00	120.00	104.00	Hemawas Bund
2701	Sonia	PALI	Pali	Luni	Khari (Hemawas)	Minor		25.672819	73.371633				0.20					154.00		Hemawas Bund
	Sub Basin Total											**2.51**	**2.72**				**720.20**	**582.00**	**332.60**	
13	Atemand Tank	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.043580	74.328847	NA	340.00	22.00	0.62	NA	1,687.00	3.34	104.00	88.00	71.00	Jaswant Sagar
54	Balad (naya)	AJMER	Jawaja	Luni	Luni	MINOR		26.075356	74.352114				2.69					318.00		Jaswant Sagar
55	Balad (old)	AJMER	Jawaja	Luni	Luni	MINOR		26.081339	74.355922				2.69					809.00		Jaswant Sagar
70	Bayale	AJMER	Jawaja	Luni	Luni	MINOR		26.040019	74.352799				0.10					24.00		Jaswant Sagar
116	Daulatgarh Sanga	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.141746	74.355007	NA	770.00	5.88	0.20	NA	1,093.00	0.94	36.00	26.00	16.00	Jaswant Sagar
131	Dhosala Tank	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.100000	74.277778	NA	1,000.00	5.98	0.17	NA	830.00	4.52	80.00	64.00	41.00	Jaswant Sagar
132	Dilwara Talab	AJMER	Jawaja	Luni	Luni	MINOR		26.119106	74.366995				2.48					574.00		Jaswant Sagar
154	Gundo Ka Bala	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.029772	74.332462	NA	1,100.00	21.48	0.61	NA	2,904.00	2.54	105.00	88.00	69.00	Jaswant Sagar
209	Kherawala (Bhagwanpura)	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.171850	74.302588	NA	240.00	5.10	0.10	NA	1,284.00	1.76	32.00	18.00	16.00	Jaswant Sagar
218	Lakania	AJMER	Jawaja	Luni	Luni	MINOR		26.141302	74.405373				0.40					60.00		Jaswant Sagar
257	Naya Talab (Anderi Bund)	AJMER	Jawaja	Luni	Luni	MINOR		26.101729	74.403380				0.20					36.00		Jaswant Sagar
286	Parbasli Tank	AJMER	Jawaja	Luni	Luni	MINOR		26.075846	74.263302				0.51					64.00		Jaswant Sagar
341	Sedriya	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.077778	74.322222	NA	670.00	3.84	0.11	NA	1,036.00	1.30	32.00	24.00	15.00	Jaswant Sagar
216	Kundia Talab	AJMER	Masuda	Luni	Luni	MINOR		26.155556	74.411111				0.20					45.00		Jaswant Sagar
241	Markerda Talab	AJMER	Masuda	Luni	Luni	MINOR		26.159151	74.396665				3.60					484.00		Jaswant Sagar
303	Purana Talab (Anderi)	AJMER	Masuda	Luni	Luni	MINOR	State Time	26.088876	74.382638	6.86	492.00	0.17	0.17	NA	25.23	3.00	28.00	26.00	23.07	Jaswant Sagar
344	Shakti Sagar Kharwa	AJMER	Masuda	Luni	Luni	MINOR	State Time	26.193381	74.451246	6.67	515.00	3.20	4.90	NA	112.87	6.00	288.00	780.00	106.84	Jaswant Sagar
6	Amba Project	AJMER	Peesangan	Luni	Luni	MINOR		26.405828	74.530677				0.35					88.40		Jaswant Sagar
104	Choriswas	AJMER	Peesangan	Luni	Luni	MINOR		26.509227	74.595728				0.17					40.00		Jaswant Sagar
139	Gandharb Sagar	AJMER	Peesangan	Luni	Luni	MINOR		26.385303	74.341749				0.93					180.00		Jaswant Sagar
152	Govindgarh	AJMER	Peesangan	Luni	Luni	MINOR	1996	26.429573	74.380853	NA	4,006.00	4.41	3.68	NA	35,335.00	7.95	704.00	704.00	513.00	Jaswant Sagar
160	Human Sagar Kalasara	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.341667	74.433333	NA	1,060.00	31.82	0.70	NA	3,800.00	2.99	284.00	174.40	107.00	Jaswant Sagar
176	Jodha Sagar	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.333674	74.321550	NA	470.00	10.00	0.28	NA	1,164.00	2.34	60.00	48.00	32.00	Jaswant Sagar
201	Khanpura Tank	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.406094	74.637637	NA	1,110.00	1.12	1.10	NA	13,613.00			110.00	90.00	Jaswant Sagar
219	Lakhina Talab	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.307100	74.465983	NA	530.00	14.16	0.40	NA	1,694.00	1.09	76.00	41.00	45.00	Jaswant Sagar
244	Modasagar Bhatsuri	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.320031	74.378977	NA	1,730.00	50.00	1.42	NA	5,360.00	2.09	260.00	245.00	162.00	Jaswant Sagar
391	Nahardanta karnos	AJMER	Peesangan	Luni	Luni	Minor	State Time	26.282682	74.295843	NA	540.00	40.00	1.12	NA	4,756.00	3.81	299.00	201.00	102.00	Jaswant Sagar
272	Naya Talab Nad	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.346386	74.371792	NA	2,190.00	25.00	0.71	NA	2,203.00	1.24	162.00	140.00	81.00	Jaswant Sagar
291	Phicholia Tank Brichiawas	AJMER	Peesangan	Luni	Luni	MINOR		26.261423	74.558757				0.34					63.50		Jaswant Sagar
296	Phool Sagar Nagelav	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.302190	74.392286	NA	1,680.00	25.00	0.71	NA	2,047.00	5.64	140.00	128.00	80.00	Jaswant Sagar
298	Plaundia Brichiawas	AJMER	Peesangan	Luni	Luni	MINOR		26.251313	74.552701				0.34					117.40		Jaswant Sagar
338	Sandolav Bund Nagelov	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.291671	74.416344	NA	1,560.00	19.60	0.43	NA	1,638.00	2.16	89.00	80.00	49.00	Jaswant Sagar
343	Shah Sagar Sethan	AJMER	Peesangan	Luni	Luni	MINOR		26.424607	74.414601				0.48					48.00		Jaswant Sagar
354	Shiv Sagar Richanlia	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.426102	74.300114	NA	780.00	18.50	0.44	NA	6,240.00	1.64	80.00	120.00	33.00	Jaswant Sagar
374	Tilora	AJMER	Peesangan	Luni	Luni	MINOR	State Time	26.528418	74.537361	NA	1,400.00	65.19	2.04	NA	8,100.00	3.62	368.00	291.80	162.00	Jaswant Sagar
2215	Barnaber Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.425229	73.808897				0.26					41.70		Jaswant Sagar
2225	Bhagasani Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.301577	73.729662				0.14					20.00		Jaswant Sagar
2236	Bhiruji ka Baga/ Murkavri Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.331998	73.804848				0.18					23.43		Jaswant Sagar
2267	Gurjaron Ki Dhani Bandh	JODHPUR	Bilara	Luni	Luni	MINOR		26.313984	73.763507				0.06					8.00		Jaswant Sagar
2316	Murkasani Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.331153	73.803602				0.13					18.00		Jaswant Sagar
2412	Ransi Gaon Anicut	JODHPUR	Bilara	Luni	Luni	Minor		26.367573	73.742567				0.06					10.00		Jaswant Sagar
2413	Ransi Gaon Bundh	JODHPUR	Bilara	Luni	Luni	Minor		26.356430	73.757056				0.09					10.49		Jaswant Sagar
2544	Matadungri Bund	NAGAUR	Merta	Luni	Luni	MINOR		26.503932	73.948554				0.60					21.45		Jaswant Sagar
2492	Banwal Bund-I	NAGAUR	Parbatsar	Luni	Luni	MINOR		26.617435	74.656470				0.18					39.98		Jaswant Sagar
2501	Bherunda bund	NAGAUR	Riyan	Luni	Luni	MINOR	1972	26.521796	74.366671	10.86	670.56	2.94	2.59	1.01	30.74	10.80	549.17	540.67	352.08	Jaswant Sagar
2504	Bijathal Bund	NAGAUR	Riyan	Luni	Luni	MINOR		26.472999	74.254478				0.29					25.57		Jaswant Sagar
2538	Ladpura Bund	NAGAUR	Riyan	Luni	Luni	MINOR		26.500000	74.391667				0.16					66.00		Jaswant Sagar
2549	Narsing Basni bund	NAGAUR	Riyan	Luni	Luni	MINOR		26.531426	74.384197	5.55	268.22	0.43	0.38		1,271.00	-	-	180.65	144.00	Jaswant Sagar
2556	Peepliya bund-I	NAGAUR	Riyan	Luni	Luni	MINOR		26.455313	74.338247				0.11					16.16		Jaswant Sagar
2557	Peepliya bund-II	NAGAUR	Riyan	Luni	Luni	MINOR		26.455955	74.339821				0.21					18.56		Jaswant Sagar
2562	Rata Dundha Bund	NAGAUR	Riyan	Luni	Luni	MINOR		26.574447	74.485624	NA	1,030.00	109.82	0.26	NA	8,522.00	6.12	188.00	66.80	100.00	Jaswant Sagar

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2565	Satham Bund	NAGAUR	Riyan	Luni	Luni	MINOR		26.528631	74.452903				0.69					36.00		Jaswant Sagar
2597	Balada	PALI	Jaitaran	Luni	Luni	MINOR		26.288919	74.073478	5.50	2,097.00	0.35	0.37	NA	112.20	0.90	95.14	87.00	57.00	Jaswant Sagar
2629	Kali Kankar	PALI	Jaitaran	Luni	Luni	MINOR	State Time	26.361328	73.992380	NA	1,083.00	1.61	1.60	NA	5,495.00	6.45	447.19	379.20	230.00	Jaswant Sagar
2650	Mira Kudki Bandh	PALI	Jaitaran	Luni	Luni	MINOR		26.364975	74.184187	6.70	330.00	0.89	0.88	NA	275.80	1.05	397.42	256.00	119.00	Jaswant Sagar
2659	Phutia Bhumbiliya	PALI	Jaitaran	Luni	Luni	MINOR		26.384758	74.084638	2.90	2,240.00	0.28	0.28	NA	61.60	1.22	58.00	49.00	39.00	Jaswant Sagar
2678	Shiv Sagar Bhumblia	PALI	Jaitaran	Luni	Luni	MINOR		26.398372	74.135297	4.50	2,340.00	0.44	0.44	NA	97.70	1.37	80.94	118.00	32.35	Jaswant Sagar
2594	Babra	PALI	Raipur	Luni	Luni	MINOR	1982-83	26.224012	74.273870	11.00	350.00	3.77	2.36	NA	816.50	8.49	598.48	538.00	482.87	Jaswant Sagar
2602	Bar Bandh	PALI	Raipur	Luni	Luni	MINOR		26.079449	74.105145	6.40	167.60	1.66	1.66	NA	178.42	0.55	971.28	264.80	267.10	Jaswant Sagar
2693	Birantiya	PALI	Raipur	Luni	Luni	Minor		26.116047	74.149773	11.61	200.00	0.42	0.78	NA	254.67	4.11	69.60	75.20	46.54	Jaswant Sagar
2617	Girinanda	PALI	Raipur	Luni	Luni	MINOR	1955-56	26.181600	74.167694	10.67	350.50	5.66	5.59	NA	445.87	11.74	1,839.31	1,433.00	860.00	Jaswant Sagar
2621	Gulab Sagar Bandh	PALI	Raipur	Luni	Luni	MINOR		26.167946	74.220523	7.92	396.20	0.45	0.45	NA	90.09	9.64	262.00	105.00	150.00	Jaswant Sagar
2633	Karnos Tank	PALI	Raipur	Luni	Luni	MINOR		26.282241	74.254315				0.30					26.00		Jaswant Sagar
	Project Catchment Total											**501.17**	**56.47**				**8,783.53**	**10,823.16**	**4,693.85**	
82	Bhem Gohane Tank	AJMER	Jawaja	Luni	Luni	MINOR		26.031109	74.282969				0.96					144.00		Phool Sagar Jaliya
125	Dewatra Tank	AJMER	Jawaja	Luni	Luni	MINOR	State Time	25.958831	74.221730	NA	510.00	31.71	0.89	NA	2,055.00	4.72	265.00	223.20	128.00	Phool Sagar Jaliya
179	Kabra Tank	AJMER	Jawaja	Luni	Luni	MINOR	State Time	25.953451	74.227942	NA	210.00	1.41	1.41	NA	2,262.00	3.58	419.67	332.00	201.00	Phool Sagar Jaliya
210	Kheri Nalle Khera Tank	AJMER	Jawaja	Luni	Luni	MINOR		26.050281	74.265890				0.10					35.00		Phool Sagar Jaliya
213	Kishanpura Tank	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.044697	74.249527	NA	663.00	7.00	0.20	NA	371.00	1.06	48.00	36.00	23.00	Phool Sagar Jaliya
235	Makarpura Tank	AJMER	Jawaja	Luni	Luni	MINOR		25.988839	74.224270				3.60					484.00		Phool Sagar Jaliya
392	Naharpura talab	AJMER	Jawaja	Luni	Luni	Minor	State Time	25.993404	74.240772	NA	800.00	5.25	0.15	NA	1,091.00	1.30	44.00	35.00	21.00	Phool Sagar Jaliya
256	Narbad Khera Talab	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.050000	74.283333	NA	730.00	13.93	0.40	NA	3,146.00	1.94	78.00	64.00	56.00	Phool Sagar Jaliya
308	Rajiawas Tank	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.010016	74.275254	NA	195.00	2.95	2.94	NA	3,896.00	6.88	880.22	696.00	423.00	Phool Sagar Jaliya
329	Roher Khera Talab	AJMER	Jawaja	Luni	Luni	MINOR	State Time	26.016741	74.232555	NA	590.00	8.96	3.03	NA	634.00	1.76	60.00	48.00	36.00	Phool Sagar Jaliya
340	Sarveena Talab	AJMER	Jawaja	Luni	Luni	MINOR	State Time	25.991667	74.238889	NA	120.00	17.32	0.49	NA	800.00	14.68	145.00	116.00	70.00	Phool Sagar Jaliya
2786	Khatian Tank	RAJSAMAND	Bhim	Luni	Luni	MINOR		25.983333	74.325000				0.16					26.00		Phool Sagar Jaliya
	Project Catchment Total											**88.53**	**14.33**				**1,939.89**	**2,239.20**	**958.00**	
	Sub Basin Total											**589.70**	**70.80**				**10,723.42**	**13,062.36**	**5,651.85**	
2036	Malgarh bund	JALORE	Ahore	Luni	Sukri	MINOR		25.598995	72.962819	3.71 M	881 M	0.47	0.42	-	87.96	144.00	125.00	125.00	40.00	Bankli Bund
2692	Bamniiya	PALI	Bali	Luni	Sukri	Minor		25.298933	73.331491	6.27	2,040.75	0.59	0.59	NA	68.81	1,770.00	186.00	171.00	114.00	Bankli Bund
2686	Ungati Bandh	PALI	Bali	Luni	Sukri	MINOR		25.277661	73.358560	3.35	446.00	0.90	0.90	NA	89.03	157.00	219.20	173.00	121.60	Bankli Bund
2696	Choodawala	PALI	Desuri	Luni	Sukri	Minor		25.245504	73.457530	10.01	1,023.00	1.57	1.52	NA	113.56	3,450.00	263.20	242.80	218.80	Bankli Bund
2628	Juna malari	PALI	Desuri	Luni	Sukri	MINOR	1978-79	25.132753	73.468900	10.50	1,915.00	1.75	1.69	NA	146.08	3,750.00	450.00	323.00	240.00	Bankli Bund
2631	kana	PALI	Desuri	Luni	Sukri	MINOR	1964	25.261025	73.515338	12.63	1,143.00	3.05	3.10	NA	697.00	10,710.00	812.49	1,031.00	507.00	Bankli Bund
2636	Khetalaji Bandh	PALI	Desuri	Luni	Sukri	MINOR		25.287564	73.504419	7.38	45.00	0.41	0.41	NA	47.60	540.00	69.80	69.00	55.45	Bankli Bund
2648	Mandigarh Bandh	PALI	Desuri	Luni	Sukri	MINOR		25.181645	73.517003	9.76	110.00	0.26	0.45	NA	109.60	540.00	110.00	44.00	41.20	Bankli Bund
2653	Muthana	PALI	Desuri	Luni	Sukri	MINOR	1965	25.245921	73.457228	12.00	1,079.00	2.72	3.30	NA	199.20	8,700.00	608.38	630.00	367.00	Bankli Bund
2666	Rajpura	PALI	Desuri	Luni	Sukri	MINOR	1965	25.163697	73.496460	12.50	558.00	2.54	2.24	NA	166.40	4,290.00	720.00	956.00	350.00	Bankli Bund
2671	Sadri	PALI	Desuri	Luni	Sukri	MINOR	State Time	25.198254	73.469257	28.44	349.50	5.80	5.80	NA	477.33	19,259.00	1,382.28	1,339.00	930.00	Bankli Bund
2676	Seli Ki Nal	PALI	Desuri	Luni	Sukri	MINOR	1967	25.245481	73.573881	13.80	1,708.00	2.27	2.28	NA	509.40	5,540.00	511.11	414.00	343.01	Bankli Bund
2613	Endla	PALI	Pali	Luni	Sukri	MINOR	1974-75	25.538750	73.256202	4.70	5,400.00		6.03		334.00	3.60	810.00	688.00	607.00	Bankli Bund
2672	Sali Ki Dhani	PALI	Pali	Luni	Sukri	MINOR	1987-88	25.573484	73.126664	4.70	3,075.00	1.55	1.33		401.75	5.13	384.00	125.00	259.00	Bankli Bund
2691	Dhani	PALI	Rani	Luni	Sukri	Minor	2010	25.386370	73.301095	8.00	2,610.00	0.94	0.93	NA	92.22	3,340.00	299.00	222.90	135.00	Bankli Bund
2697	Dedwan	PALI	Rohat	Luni	Sukri	Minor		25.618412	73.015628	11.90	51.00	0.57	0.56	NA	53.62	900.00	141.36	107.00	80.40	Bankli Bund
2606	Chanod	PALI	Sumerpur	Luni	Sukri	MINOR		25.530511	73.141231	700.00	1,700.00	1.10	1.10	180.00	2,552.00	2,700.00	280.00	136.00	136.00	Bankli Bund
	Project Catchment Total											**26.49**	**32.64**				**7,371.82**	**6,796.70**	**4,545.46**	
2616	Ghoradhara	PALI	Desuri	Luni	Sukri	MINOR		25.306208	73.567210				2.80					282.00		Giroliya Tank
2634	Kesuli	PALI	Desuri	Luni	Sukri	MINOR	1973	25.376764	73.550524	10.70	137.10	2.42	2.72	NA	258.50	2,580.00	587.00	312.00	308.00	Giroliya Tank
2598	Balla ki Dhani Bandh	PALI	Pali	Luni	Sukri	MINOR		25.640896	73.196740				0.83					160.00		Giroliya Tank
2694	Boki ka Bala	PALI	Pali	Luni	Sukri	Minor		25.616708	73.217954	9.75	1,097.00	48.00	1.28	NA	189.84	3,658.00	205.00	124.00	120.00	Giroliya Tank
2622	Gundoj Bandh	PALI	Pali	Luni	Sukri	MINOR		25.611234	73.313818	3.65	2,400.00	5.00	0.68	-	70.75	1.98	91.00	80.00	57.00	Giroliya Tank
2699	Knatra Phutiyasar	PALI	Pali	Luni	Sukri	Minor		25.728300	73.273019				0.54					92.80		Giroliya Tank
2610	Dhariya	PALI	Rani	Luni	Sukri	MINOR		25.469906	73.406159				7.95					1,724.00		Giroliya Tank
2620	Guda Gopinath Bandh	PALI	Rani	Luni	Sukri	MINOR		25.390148	73.475619	8.07	18.00	0.37	0.25	NA	28.30	1,350.00	199.60	80.00	84.00	Giroliya Tank
	Project Catchment Total											**55.79**	**17.05**				**1,082.60**	**2,854.80**	**569.00**	
	Sub Basin Total											**82.28**	**49.69**				**8,454.42**	**9,651.50**	**5,114.46**	
	Basin Total											**825.22**	**172.69**				**28,387.22**	**33,745.08**	**15,909.37**	
2707	Basera Upper	PRATAPGARH	Chhoti Sadri	Mahi	Jakham	MINOR		24.443187	74.656704				0.15					16.00		Jakham
2720	Madura	PRATAPGARH	Chhoti Sadri	Mahi	Jakham	MINOR		24.240685	74.671506				0.07					19.00		Jakham
2727	Talaya	PRATAPGARH	Pratapgarh	Mahi	Jakham	MINOR		24.215723	74.679484				1.00					481.00		Jakham
	Sub Basin Total											**-**	**1.22**				**-**	**516.00**	**-**	
537	Berwala Machar	BANSWARA	Banswara	Mahi	Mahi	MINOR	NA	23.365854	74.460305				0.16					38.00		Mahi Bajaj Sagar
546	Borkhaber	BANSWARA	Banswara	Mahi	Mahi	MINOR	1984-85	23.354241	74.433693				1.09					194.00		Mahi Bajaj Sagar
550	Chaperiya	BANSWARA	Banswara	Mahi	Mahi	MINOR	1987-88	23.389626	74.545202	13.85	306.50	0.68	0.67	NA	53.54	4.20	148.00	136.00	95.00	Mahi Bajaj Sagar
556	Dabrimal	BANSWARA	Banswara	Mahi	Mahi	MINOR	NA	23.344273	74.467521	NA	NA	0.30	0.27	NA	33.68	NA	NA	49.00	NA	Mahi Bajaj Sagar
557	Deogarh	BANSWARA	Banswara	Mahi	Mahi	MINOR	NA	23.456717	74.527961	NA	NA	0.38	0.35	NA	32.83	NA	NA	60.00	NA	Mahi Bajaj Sagar
567	Jhemiya	BANSWARA	Banswara	Mahi	Mahi	MINOR		23.428995	74.564258				0.45					61.00		Mahi Bajaj Sagar
578	Maheshpura	BANSWARA	Banswara	Mahi	Mahi	MINOR	NA	23.355653	74.528428	NA	NA	0.32	0.30	NA	55.24	NA	NA	74.00	NA	Mahi Bajaj Sagar

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
580	Mahuwal Bhungda	BANSWARA	Banswara	Mahi	Mahi	MINOR	1976-77	23.388889	74.508333	12.10	655.00	0.66	0.65	NA	61.35	3.00	96.00	96.00	74.00	Mahi Bajaj Sagar
585	Nalda	BANSWARA	Banswara	Mahi	Mahi	MINOR	Old tank	23.393403	74.519843	NA	39.20	0.51	0.50	NA	60.36	1.11	NA	101.00	71.00	Mahi Bajaj Sagar
586	Nathpura Kherwali	BANSWARA	Banswara	Mahi	Mahi	MINOR	1994-95	23.450297	74.585618	14.30	212.00	0.28	0.26	NA	59.49	1.50	54.00	40.00	36.00	Mahi Bajaj Sagar
588	Nawa Kheda	BANSWARA	Banswara	Mahi	Mahi	MINOR	2003-04	23.423743	74.499603	9.61	215.10	0.22	0.20		32.88	1.10	45.00	14.97	58.00	Mahi Bajaj Sagar
607	Wageri	BANSWARA	Banswara	Mahi	Mahi	MINOR	1993-94	23.389299	74.506171	19.64	498.00	2.39	2.16		160.21	4.77	422.00	392.00	308.79	Mahi Bajaj Sagar
535	Baridanpur	BANSWARA	Chhoti Sarwan	Mahi	Mahi	MINOR	1988-89	23.506871	74.679009	12.80	318.00	0.30	0.29	NA	45.28	1.50	63.00	54.00	42.00	Mahi Bajaj Sagar
615	Bhatia	BANSWARA	Chhoti Sarwan	Mahi	Mahi	Minor	1986-87	23.535070	74.656513	14.25	880.00	1.08	0.99	NA	120.87	1.69	187.00	176.92	182.00	Mahi Bajaj Sagar
621	Ghori Tejpur	BANSWARA	Chhoti Sarwan	Mahi	Mahi	Minor	1977-78	23.621575	74.673010	10.05	192.00	0.54	0.48	NA	51.93	1.44	111.00	110.12	69.00	Mahi Bajaj Sagar
579	Mahudi Kheda	BANSWARA	Chhoti Sarwan	Mahi	Mahi	MINOR	2006-07	23.554907	74.661070	17.00	915.00	1.49	1.49		94.35	4.32	386.00	298.60	239.00	Mahi Bajaj Sagar
593	Phephar	BANSWARA	Chhoti Sarwan	Mahi	Mahi	MINOR	2004-05	23.503071	74.648130	12.25	298.00	0.51	0.47		34.16	2.61	95.00	34.46	81.00	Mahi Bajaj Sagar
596	Runjiya-Danpur	BANSWARA	Chhoti Sarwan	Mahi	Mahi	MINOR	1991-92	23.537488	74.720822	15.56	197.00	0.68	0.60	NA	60.79	3.87	274.00	103.00	120.00	Mahi Bajaj Sagar
533	Badi Serwa	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	1974-75	23.208053	74.678054	6.00	NA	0.22	0.18	NA	27.17	NA	44.00	42.00	25.00	Mahi Bajaj Sagar
543	Bijori	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	1991-92	23.272638	74.567729	11.80	177.00	0.37	0.35	NA	33.65	1.77	84.00	66.00	50.00	Mahi Bajaj Sagar
561	Gopal Pura	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	2004-05	23.226993	74.560882	10.35	823.00	1.23	1.11		87.42	4.92	287.00	64.88	160.00	Mahi Bajaj Sagar
572	Karmdiya	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	1991-92	23.186963	74.637224	8.60	490.00	0.63	0.57	NA	58.69	2.70	178.00	118.00	83.00	Mahi Bajaj Sagar
573	Khanapada	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	NA	23.167349	74.565792	10.70	300.00	0.46	0.44	NA	38.26	2.25	1.33	129.00	64.00	Mahi Bajaj Sagar
574	Kheriyapada	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	1974-75	23.196464	74.615479	8.20	189.00	0.38	0.34	NA	35.12	1.50	85.00	78.00	55.00	Mahi Bajaj Sagar
591	Panda	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	1977-78	23.221516	74.671303	18.30	442.00	1.42	1.34		87.73	6.55	340.00	357.00	290.00	Mahi Bajaj Sagar
599	Surwan	BANSWARA	Kushalgarh	Mahi	Mahi	MINOR	1990-91	23.181344	74.566855	10.46	310.00	0.67	0.60	NA	58.02	2.67	144.00	102.00	86.00	Mahi Bajaj Sagar
2704	Bakhtod	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	2003-04	23.752470	74.620391	17.23	425.00	1.44	1.34		119.31	6.83	221.00	78.00	201.00	Mahi Bajaj Sagar
2711	Dunglawani	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	1987-88	23.728197	74.720606	18.60	213.00	1.59	1.47	NA	260.36	6.78	252.00	229.00	210.00	Mahi Bajaj Sagar
2715	Kali Ghati	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	2004-05	23.718937	74.617937	14.80	493.00	0.80	0.71		89.77	4.08	143.00	53.41	132.00	Mahi Bajaj Sagar
2719	Lamba-Debra	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	1978-79	23.852655	74.627186	13.90	465.00	1.25	1.20	NA	116.03	2.40	266.00	234.00	105.00	Mahi Bajaj Sagar
2733	Sodalpur	PRATAPGARH	Peepalkhoont	Mahi	Mahi	Minor	1987-88	23.815186	74.676975	13.40	250.00	0.70	0.62	NA	95.20	1.83	117.00	113.36	91.00	Mahi Bajaj Sagar
2732	Amli Kheda	PRATAPGARH	Pratapgarh	Mahi	Mahi	Minor	1991-92	23.977311	74.803054	18.00	251.50	1.77	1.62	NA	160.06	8.31	321.00	314.00	232.00	Mahi Bajaj Sagar
2710	Dharia Kheri	PRATAPGARH	Pratapgarh	Mahi	Mahi	MINOR		23.959620	74.637896				0.39					45.00		Mahi Bajaj Sagar
2725	Padlia	PRATAPGARH	Pratapgarh	Mahi	Mahi	MINOR	State Time	23.965247	74.747958				1.47					210.00		Mahi Bajaj Sagar
	Project Catchment Total											**23.25**	**25.13**				**4,364.33**	**4,266.72**	**3,159.79**	
536	Barigama	BANSWARA	Bagidora	Mahi	Mahi	MINOR	1987-88	23.357034	74.400950	15.40	340.00	0.81	0.79	NA	76.69	3.93	196.00	172.00	113.00	Surwania
542	Bhutpada	BANSWARA	Bagidora	Mahi	Mahi	MINOR	1997-98	23.371809	74.398462	9.60	1,405.00	1.14	1.03	NA	91.69	4.74	209.00	194.00	155.00	Surwania
571	Kejri	BANSWARA	Bagidora	Mahi	Mahi	MINOR	1976-77	23.404154	74.393712	7.00	810.00	0.25	0.25	NA	52.07	0.60	65.00	57.00	28.00	Surwania
576	Lalaheda	BANSWARA	Bagidora	Mahi	Mahi	MINOR	1987-88	23.408109	74.403778	6.37	449.00	0.41	0.36	NA	38.60	0.67	115.00	85.00	51.00	Surwania
628	Salia	BANSWARA	Banswara	Mahi	Mahi	Minor	1974-75	23.460819	74.388631	7.20	183.00	0.31	0.27	NA	103.30	1.38	43.00	35.22	31.00	Surwania
	Project Catchment Total											**2.93**	**2.70**				**628.00**	**543.22**	**378.00**	
	Sub Basin Total											**26.18**	**27.84**				**4,992.33**	**4,809.94**	**3,537.79**	
3329	Panund	UDAIPUR	Bhindar	Mahi	Som	Minor		24.357943	74.124370				0.51					115.00		Jaisamand
3292	Phila	UDAIPUR	Bhindar	Mahi	Som	MINOR		24.366667	74.116667				1.36					488.00		Jaisamand
3213	Chitoria	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1979-80	24.248056	74.205556	15.00	166.20	0.21	0.20		63.11	1.35	27.72	24.00	23.00	Jaisamand
3245	Kali Bhint	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1991-92	24.325477	74.315757	12.50	170.00	0.24	0.20		257.00	3.26	62.65	42.00	22.00	Jaisamand
3248	Kasumbra	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1995-96	24.258333	74.211111	17.50	113.00	0.31	0.31		76.24	0.30	54.63	45.00	40.47	Jaisamand
3252	Kelwa ka vela	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1979-80	24.273672	74.245888	12.50	117.00	0.23	0.20		722.16	2.60	31.97	59.00	24.00	Jaisamand
3253	Kelwa Kanta	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1995-96	24.307554	74.207007	16.00	195.00	0.35	0.28		67.92		83.37	63.00	40.07	Jaisamand
3255	Kesar Sagar	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1983	24.238889	74.105556	15.00	165.00	1.70	1.68		506.87	12.90	489.00	348.00	140.00	Jaisamand
3281	Mungli	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1967	24.255556	74.254167	10.25		1.67	1.67		101.95	6.90	337.84	280.00	239.00	Jaisamand
3325	Vela	UDAIPUR	Lasadiya	Mahi	Som	MINOR	1979-80	24.252521	74.233199	11.00	96.00	0.12	0.11		55.47	1.35	53.00	53.00	14.00	Jaisamand
3330	Wajna Dam	UDAIPUR	Lasadiya	Mahi	Som	Minor	1994	24.340381	74.290108	20.00	585.00	4.00	3.60		436.44	12.90	1,933.00	736.00	515.18	Jaisamand
3230	Gudel	UDAIPUR	Salumbar	Mahi	Som	MINOR	1969-70	24.339520	74.036944	12.50		1.07	1.07		120.22	3.15		280.00	115.00	Jaisamand
3184	Adwas	UDAIPUR	Sarada	Mahi	Som	MINOR	1972	24.347070	73.866154	13.50	243.00	2.35	2.21		189.46	8.40	803.00	466.00	223.00	Jaisamand
	Project Catchment Total											**12.26**	**13.40**				**3,876.19**	**2,999.00**	**1,395.71**	
1777	Dhatana	DUNGARPUR	Aspur	Mahi	Som	MINOR	1966-67	23.947537	73.968676	10.16	265.00	1.78	1.44			8.64	204.00	196.00	156.00	Som Kamla Amba
1783	Ganeshpur	DUNGARPUR	Aspur	Mahi	Som	MINOR	1953-54	23.947689	73.923486	-	-	0.64	0.57	10.20	49.00	0.90	-	51.00	-	Som Kamla Amba
1823	Ramsore	DUNGARPUR	Aspur	Mahi	Som	MINOR	1990-91	23.961809	73.980988	8.00	169.00	0.26	0.23			1.50	68.00	37.00	42.00	Som Kamla Amba
1768	Bhoiyon Ka Naka	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	1991-92	23.799174	73.540518	17.45	177.00	0.53	0.49	14.20	85.00	1.58	154.00	133.00	61.00	Som Kamla Amba
1788	Googra Pick up weir	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	1954-55	23.940346	73.657362	10.30	150.00	0.31	0.27	16.20	633.00	6.00	105.00	81.00	44.00	Som Kamla Amba
1789	Gumanpura	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	1954-55	23.872884	73.629960	13.17	352.00	1.33	1.23	30.77	102.00	4.95	178.00	154.00	141.00	Som Kamla Amba
1839	Khanmal Ka Naka	DUNGARPUR	Bichhiwara	Mahi	Som	Minor		23.839835	73.577463				0.45					25.00		Som Kamla Amba
1803	Kundi Ka Naka	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	1975-76	23.749229	73.623367	11.27	274.00	0.70	0.63	26.84	67.00	4.95	167.00	135.00	72.00	Som Kamla Amba
1809	Manjola	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	1968-69	23.892346	73.591748	10.00	442.00	0.43	0.43	14.60	47.00	2.25	101.00	73.00	50.00	Som Kamla Amba
1815	Naval Shyam	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	1974-75	23.834802	73.612385	9.45	340.00	1.29	1.23	16.66	123.00	3.27	125.00	84.00	84.00	Som Kamla Amba
1825	Shishod	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	1978-79	23.916005	73.551793	13.30	138.00	0.95	0.89	29.15	102.00	7.92	195.00	146.00	102.00	Som Kamla Amba
1833	Thana Pick up Weir	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	State	23.825000	73.661111	3.00	45.00	0.04	0.10	24.29		5.40	157.00	121.00	83.00	Som Kamla Amba
1834	Upper Ghodi	DUNGARPUR	Bichhiwara	Mahi	Som	MINOR	State	23.939247	73.606719	14.00	193.00	2.26	1.98	33.80	2.37	6.66	248.00	169.00	168.00	Som Kamla Amba
1762	Bassi	DUNGARPUR	Dungarpur	Mahi	Som	MINOR	1953-54	23.904079	73.805453	5.51	579.00	0.48	0.40	13.60	110.00	3.75	88.00	68.00	27.00	Som Kamla Amba
1838	Faloj	DUNGARPUR	Dungarpur	Mahi	Som	Minor	1953-54	23.871489	73.868379	7.50	360.00	1.23	1.13	24.29	63.00	4.86	157.20	121.45	68.00	Som Kamla Amba
1840	Khempur	DUNGARPUR	Dungarpur	Mahi	Som	Minor	N.A.	23.931742	73.902559	-	-	0.24	0.24	4.80		-	-	24.00	-	Som Kamla Amba
1810	Manpur	DUNGARPUR	Dungarpur	Mahi	Som	MINOR	2000-01	23.856828	73.777814	6.00	183.00	0.59	0.52	19.23	90.00	1.59	130.67	68.00	108.16	Som Kamla Amba
1818	Pagra	DUNGARPUR	Dungarpur	Mahi	Som	MINOR	1953-54	23.872642	73.829108	7.50	180.00	0.42	0.39	10.00	402.00	2.85	93.00	81.00	57.00	Som Kamla Amba

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1821	Pholonj	DUNGARPUR	Dungarpur	Mahi	Som	MINOR		23.869197	73.870821				1.13					121.00		Som Kamla Amba
1824	Ransagar	DUNGARPUR	Dungarpur	Mahi	Som	MINOR	State	23.860569	73.806573	10.00	330.00	1.25	1.13	12.00	365.00	5.40	79.00	61.00	57.00	Som Kamla Amba
1842	Savgad	DUNGARPUR	Dungarpur	Mahi	Som	Minor	N.A.	23.933745	73.871810	-	-	0.23	0.23	4.80		-	-	24.00	-	Som Kamla Amba
1827	Singhorion Ka Naka	DUNGARPUR	Dungarpur	Mahi	Som	MINOR	1977-78	23.919645	73.769288	14.44	206.00	0.63	0.59	21.40	62.00	4.71	140.00	107.00	68.00	Som Kamla Amba
1829	Suri	DUNGARPUR	Dungarpur	Mahi	Som	MINOR	1970-71	23.899421	73.839488	15.00	278.00	2.52	2.24	0.74	9.71	1.35	1,160.00	388.00	257.00	Som Kamla Amba
3191	Barapal	UDAIPUR	Girwa	Mahi	Som	MINOR		24.379167	73.629167				0.59					136.00		Som Kamla Amba
3289	Paduna	UDAIPUR	Girwa	Mahi	Som	MINOR		24.284702	73.666518				0.20					117.00		Som Kamla Amba
3201	Bhudhar	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1954	24.114704	73.644531	12.25	420.00	1.92	1.81		628.63	14.16	425.00	375.00	259.00	Som Kamla Amba
3206	Bilakh	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1979	24.112134	73.718203	14.00		0.81	0.94		926.08	10.72	90.93	145.00	107.00	Som Kamla Amba
3235	Hathio Ka Naka	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1962-63	24.102367	73.611704	8.50		0.62	0.62		200.23	5.10	101.15	77.00	71.00	Som Kamla Amba
3258	Kojawada	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1979-80	24.121496	73.596703	9.00		0.62	0.62		181.96	2.40	130.68	119.00	71.00	Som Kamla Amba
3268	Lorda	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1974	24.011162	73.786544	14.70	342.00	3.51	3.16		274.70	18.09	779.00	525.00	360.00	Som Kamla Amba
3270	Lower Ghori	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1964	23.958572	73.691602	9.14	849.00	3.99	3.68		475.77	22.47	934.00	716.00	421.00	Som Kamla Amba
3290	Parera	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1973	24.154396	73.590990	11.50		0.35	0.35		90.48	7.20	96.70	73.00	51.00	Som Kamla Amba
3294	Pilpal Dhara	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1997-98	24.034468	73.741382			0.20	0.20		2.92	1.20		28.00	28.00	Som Kamla Amba
3312	Similla Mahadeo lift	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR		23.940164	73.739924				8.00					800.00		Som Kamla Amba
3313	Som-pick up weir	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1959	23.944802	73.758138	13.50	240.00	Perinal Flow	6.78		3,993.00	20.25	1,215.00	969.00	484.00	Som Kamla Amba
3187	Badghari	UDAIPUR	Sarada	Mahi	Som	MINOR	NA	24.135118	73.889679	7.75		0.57	0.57		47.58	1.77	96.70	80.00	53.00	Som Kamla Amba
3189	Balva	UDAIPUR	Sarada	Mahi	Som	MINOR		24.091517	73.774325				0.81					79.00		Som Kamla Amba
3200	Bhorwa	UDAIPUR	Sarada	Mahi	Som	MINOR	NA	24.252209	73.887673				0.05					7.15		Som Kamla Amba
3210	Chawand	UDAIPUR	Sarada	Mahi	Som	MINOR	1955	24.189285	73.775369	14.31	121.00	2.97	2.24	6.45	234.48	8.25	497.00	359.00	251.00	Som Kamla Amba
3215	Daya	UDAIPUR	Sarada	Mahi	Som	MINOR	1983	24.255512	73.827878	27.16	1,130.00	12.39	11.22	4.00	630.00	10.00	2,070.00	1,894.00	1,282.00	Som Kamla Amba
3216	Delwas	UDAIPUR	Sarada	Mahi	Som	MINOR	1932	24.229900	73.708694				1.00					162.00		Som Kamla Amba
3224	Ghodasagar	UDAIPUR	Sarada	Mahi	Som	MINOR		23.988392	73.848644	11.25		0.30	0.30		115.86	1.95	94.68	78.00	42.00	Som Kamla Amba
3234	Harchand	UDAIPUR	Sarada	Mahi	Som	MINOR	1956	24.186989	73.887146	14.25	365.00	7.70	6.29		804.28	15.90	1,034.00	966.00	719.00	Som Kamla Amba
3237	Hirnia	UDAIPUR	Sarada	Mahi	Som	MINOR	1981-82	24.149376	73.763026	14.50		0.45	0.45		116.11	1.56	108..43	82.00	65.00	Som Kamla Amba
3249	Katanwara	UDAIPUR	Sarada	Mahi	Som	MINOR	2005-6	24.180275	73.780151			0.30	0.33	82.00	4.00	0.90		66.00	61.00	Som Kamla Amba
3251	Kejar	UDAIPUR	Sarada	Mahi	Som	MINOR	1955	24.177557	73.841657	15.13	823.00	6.34	6.33	1.43	556.20	24.96	809.00	688.00	643.00	Som Kamla Amba
3254	Kerpura	UDAIPUR	Sarada	Mahi	Som	MINOR	NA	24.211488	73.858568			0.17	0.17		2.58	0.90		36.00	21.00	Som Kamla Amba
3265	Lalar	UDAIPUR	Sarada	Mahi	Som	MINOR	NA	24.146471	73.823222	8.50		0.48	0.47		51.83	4.20	101.15	80.00	53.00	Som Kamla Amba
3286	Nathara	UDAIPUR	Sarada	Mahi	Som	MINOR	2005-6	24.240725	73.708291			0.42	0.43	183.00	5.18	2.34		69.00	62.00	Som Kamla Amba
3293	Piladhar	UDAIPUR	Sarada	Mahi	Som	MINOR	2002-03	24.280477	73.866541			0.63	0.63		6.97	1.14	64.74	61.00	55.00	Som Kamla Amba
3309	Semari	UDAIPUR	Sarada	Mahi	Som	MINOR	1967	24.056336	73.886242	17.50	144.00	2.83	2.56		236.16	20.10	1,123.00	678.00	376.00	Som Kamla Amba
3310	Shiv Sagar	UDAIPUR	Sarada	Mahi	Som	MINOR	1981-82	24.050311	73.850137	10.50		0.08	0.08		25.29	1.35	42.08	30.00	18.00	Som Kamla Amba
3311	Shyampura	UDAIPUR	Sarada	Mahi	Som	MINOR		24.245833	73.904167			0.89	0.89	385.00	9.04	3.24		149.00	139.00	Som Kamla Amba
3315	Surkhan Kheda	UDAIPUR	Sarada	Mahi	Som	MINOR	State Tank	24.102778	73.866667	13.00		0.50	0.50		77.03	2.10	161.84	57.00	40.00	Som Kamla Amba
3320	Tokar	UDAIPUR	Sarada	Mahi	Som	MINOR		23.968855	73.816292	10.00		2.33	2.33		77.03	10.14	258.54	185.00	146.00	Som Kamla Amba
	Project Catchment Total											**69.48**	**82.54**				**13,675.06**	**12,354.60**	**7,523.16**	
3327	Velvi	UDAIPUR	Jhadol	Mahi	Som	MINOR	1991-92	24.212867	73.489958	15.00	180.00	0.25	0.26		62.26	13.00	60.95	53.00	21.00	Somkagdar
3203	Bhujda	UDAIPUR	Kherwara	Mahi	Som	MINOR	1999	24.006920	73.517733			0.72	0.72		7.67	2.60		161.00	145.00	Somkagdar
3207	Birothi	UDAIPUR	Kherwara	Mahi	Som	MINOR	1981-82	24.041041	73.466213	18.50		1.68	1.68		464.46	16.52	338.64	254.00	156.00	Somkagdar
3218	DoNadi	UDAIPUR	Kherwara	Mahi	Som	MINOR	2010	24.131762	73.408429	24.51	269.00	3.55	2.86		612.00	20.08	398.00	275.00	730.00	Somkagdar
3225	Godawari Ka Naka	UDAIPUR	Kherwara	Mahi	Som	MINOR	1973	23.982208	73.564667	21.00		1.46	1.46		373.83	7.44	398.53	277.00	215.00	Somkagdar
3259	Koliya	UDAIPUR	Kherwara	Mahi	Som	MINOR		23.995371	73.520495			0.21	0.20		3.03	0.90		23.00	23.00	Somkagdar
3318	Thana	UDAIPUR	Kherwara	Mahi	Som	MINOR	1981-82	23.972552	73.460959	11.00		0.79	0.79		130.50	4.11		70.00	56.00	Somkagdar
3301	Sagwara ki pal	UDAIPUR	Rishabhdeo	Mahi	Som	MINOR	1991	24.194001	73.545816	16.64	95.00	1.58	1.46		589.00	10.95	512.00	303.00	242.00	Somkagdar
	Project Catchment Total											**10.24**	**9.43**				**1,708.12**	**1,416.00**	**1,588.00**	
	Sub Basin Total											**91.97**	**105.37**				**19,259.36**	**16,769.60**	**10,506.87**	
	Basin Total											**118.15**	**134.43**				**24,251.69**	**22,095.54**	**14,044.66**	
1729	Bansrai Bund	DHAULPUR	Baseri	Parbati	Parbati	MINOR	State time	26.681638	77.407430	NA	300.00	0.45	0.45	NA	NA	2.00	NA	81.00	40.50	Parbati Dam
1744	Roti Pura	DHAULPUR	Baseri	Parbati	Parbati	MINOR		26.569121	77.443915				0.14					36.40		Parbati Dam
2443	Khuda	KARAULI	Karauli	Parbati	Parbati	MINOR		26.624046	77.329780				0.29					49.70		Parbati Dam
2469	Ratiyapura	KARAULI	Karauli	Parbati	Parbati	Minor		26.512967	77.187305				0.14					35.00		Parbati Dam
	Project Catchment Total											**0.45**	**1.02**				**-**	**202.10**	**40.50**	
1738	Nadroli Bund	DHAULPUR	Bari	Parbati	Parbati	MINOR	State time	26.600000	77.550000	NA	1,000.00	1.84	0.74	NA	NA	4.20	NA	323.80	121.00	Ramsagar Dam
1749	R.T.Bund	DHAULPUR	Bari	Parbati	Parbati	Minor	State time	26.527117	77.595955	7.05	1,300.00	0.71	0.70	NA	NA	No canal	NA	323.80	161.94	Ramsagar Dam
1742	Retari ka Tal	DHAULPUR	Bari	Parbati	Parbati	MINOR		26.516232	77.608125				0.56					323.80		Ramsagar Dam
1751	Shahpura	DHAULPUR	Bari	Parbati	Parbati	Minor	1973	26.524953	77.594887	NA	550.00	1.93	1.94	NA	NA	2.40	108.90	78.94	72.00	Ramsagar Dam
	Project Catchment Total											**4.48**	**3.94**				**108.90**	**1,050.34**	**354.94**	
1748	Baripura	DHAULPUR	Bari	Parbati	Parbati	Minor	1981	26.631071	77.717678	NA	1,900.00	0.65	0.65	NA	NA	Bed cultivation	117.40	111.34	100.00	Urmila Sagar
	Project Catchment Total											**0.65**	**0.65**				**117.40**	**111.34**	**100.00**	
	Basin Total											**5.58**	**5.61**				**226.30**	**1,363.78**	**495.44**	
508	Siliserh	ALWAR	Umren	Ruparail	Ruparail	MINOR	State Time	27.517460	76.536285	12.00	305.00	13.93	12.23	N.A	NA	26,550.00	1,034.22	1,416.40	542.80	Jai Samand Bund
	Project Catchment Total											**13.93**	**12.23**				**1,034.22**	**1,416.40**	**542.80**	
473	Milakpur Bund	ALWAR	Lachhmangarh	Ruparail	Ruparail	MINOR		27.550000	76.900000				0.85					39.00		Sikri Bund
407	Bagola Bund	ALWAR	Rajgarh	Ruparail	Ruparail	MINOR		27.226287	76.631903	1.82	1,453.00	0.82	0.81	N.A	N.A	Not Canal	N.A	51.80	N.A	Sikri Bund

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)			Project Catchment
																	GCA	CCA	ICA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
426	Dhamera Bund	ALWAR	Rajgarh	Ruparail	Ruparail	MINOR	State time	27.272351	76.573026	3.35	1,170.43	4.80	4.33	N.A	79.30		892.67	636.70	637.10	Sikri Bund
428	Dholan	ALWAR	Rajgarh	Ruparail	Ruparail	MINOR		27.231007	76.529288				0.35					72.00		Sikri Bund
464	Kothi Narainpur	ALWAR	Rajgarh	Ruparail	Ruparail	MINOR	State Time	27.275494	76.631596	2.43	504.00	0.50	0.50	N.A	N.A	Not Canal	N.A	40.00	N.A	Sikri Bund
488	Pratap Bund	ALWAR	Rajgarh	Ruparail	Ruparail	MINOR		27.223803	76.622076	3.99	547.50	0.25	0.26	N.A	N.A	Not Canal	N.A	23.10	N.A	Sikri Bund
514	Thekri Bund	ALWAR	Rajgarh	Ruparail	Ruparail	MINOR		27.212500	76.641667				0.21					38.00		Sikri Bund
409	Baleta Bund	ALWAR	Umren	Ruparail	Ruparail	MINOR	State Time	27.350642	76.548979	2.43	840.00	5.80	2.83	N.A	N.A	Not Canal	N.A	75.70	N.A	Sikri Bund
411	Bera Weir	ALWAR	Umren	Ruparail	Ruparail	MINOR		27.420387	76.508740				3.29					783.70		Sikri Bund
489	Prem Ratnakar Bund	ALWAR	Umren	Ruparail	Ruparail	MINOR	State Time	27.490354	76.620027	4.57	7,200.00	1.11	1.10	N.A	N.A	Not Canal	N.A	33.20	N.A	Sikri Bund
507	Sileberi	ALWAR	Umren	Ruparail	Ruparail	MINOR	State Time	27.333295	76.547596	6.10	2,400.00	5.60	5.46	N.A	34.60		1,045.00	836.40	502.00	Sikri Bund
884	Budli	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State Time	27.595407	76.994362	3.29	1.06		0.22	NA	2.83	NA	NA	42.00	NA	Sikri Bund
	Project Catchment Total											**18.88**	**20.21**				**1,937.67**	**2,671.60**	**1,139.10**	
	Basin Total											**32.81**	**32.44**				**2,971.89**	**4,088.00**	**1,681.90**	
2907	Hardas Ka Bass	SIKAR	Khandela	Sabi	Sabi	MINOR	1983	27.499099	75.861066	6.10	229.00	0.52	0.45	0.24	101.88	1.22	142.00	76.90	65.00	Buchara
2908	Hardas Ka Bass II	SIKAR	Khandela	Sabi	Sabi	MINOR	2003	27.504095	75.852256	7.00	570.00	1.53	1.35	NA	228.30	3.24	246.00	246.20	219.00	Buchara
2898	Chiplata	SIKAR	Neem Ka Thana	Sabi	Sabi	MINOR	2007	27.580920	75.828398				0.82					180.65		Buchara
2901	Deepawas	SIKAR	Neem Ka Thana	Sabi	Sabi	MINOR	1989	27.615239	75.883921	6.00	310.00	1.09	0.89	0.53	174.32	4.32	222.00	183.30	132.00	Buchara
2910	Heerwala	SIKAR	Neem Ka Thana	Sabi	Sabi	MINOR	1982	27.597790	75.858096	6.70	240.00	0.32	0.32	0.18	47.60	2.85	132.00	81.00	46.00	Buchara
2918	Khirdti	SIKAR	Neem Ka Thana	Sabi	Sabi	MINOR	1988	27.523145	75.884644	5.00	640.00	0.38	0.31	0.19	55.46		127.00	109.00	87.00	Buchara
2926	Sagar Ki Mori	SIKAR	Neem Ka Thana	Sabi	Sabi	MINOR	1981	27.560765	75.849598	6.10	120.00	0.41	0.20	0.24	30.07	1.52	96.00	43.70	57.00	Buchara
	Project Catchment Total											**4.25**	**4.34**				**965.00**	**920.75**	**606.00**	
1848	Bairath	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.419142	76.192697				1.20					176.00		Chhitoli
	Project Catchment Total											-	**1.20**				-	**176.00**	-	
	Basin Total											**4.25**	**5.54**				**965.00**	**1,096.75**	**606.00**	
2902	Dokan	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1983	27.785244	75.906774	8.50	540.00	0.63	0.55	0.21	40.75	2.50	178.00	127.00	80.00	Raipur Patan
2913	Kala Ki Nangal	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1981	27.744631	75.959459				0.41					93.00		Raipur Patan
2919	Lower Rella	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1951	27.683721	75.933140	7.80	2,130.00	1.20	0.70	NA	53.70	4.27	268.00	244.00	243.00	Raipur Patan
2943	Sikargarh	SIKAR	Neem Ka Thana	Shekhawati	Dohan	Minor	2004	27.789237	75.943844	8.00	370.00	0.30	0.28	0.12	56.26	1.82	128.00	119.00	40.00	Raipur Patan
2929	Upper Rella	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1951	27.663486	75.936024				1.11					212.00		Raipur Patan
	Basin Total											**2.13**	**3.05**				**574.00**	**795.00**	**363.00**	
2998	Tokra	SIROHI	Reodar	Sukli	Sukli	MINOR	1962	24.687755	72.710057	10.82	1,231.40	5.44	5.20	2.09	10,867.00	9.60	1,463.78	1,072.00	744.64	Sukli Selwara
2999	Udwariya	SIROHI	Reodar	Sukli	Sukli	MINOR	1989	24.704027	72.738073	14.08	1,413.93	3.24	2.97	0.82	6,320.00	6.00	677.86	566.00	374.34	Sukli Selwara
2992	Ranelav	SIROHI	Sirohi	Sukli	Sukli	MINOR		24.755007	72.652803	4.87	518.00	0.24	0.23	0.15	1,718.00	1.20	50.60	48.00	38.87	Sukli Selwara
	Basin Total											**8.91**	**8.40**				**2,192.24**	**1,686.00**	**1,157.85**	
2965	Jubli	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.713814	73.030181	NA	390.00	9.33	1.62	NA	3,163.00	1.56	123.00	230.00	49.00	West Banas
2966	Kadambari Dam	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.782262	73.074375				4.37					717.00		West Banas
3009	Modana	SIROHI	Pindwara	West Banas	West Banas	Minor		24.693340	72.929545				1.87					299.00		West Banas
2994	Sarup Sagar dam	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.858762	73.045030				2.61					363.00		West Banas
	Basin Total											**9.33**	**10.48**				**123.00**	**1,609.00**	**49.00**	
	State Total											**2,577.62**	**1,741.24**				**210,548.17**	**324,078.43**	**123,941.65**	

Appendix V

Minor dams details for regions outside project catchment (Minor project study)

(Details in soft copy)

Appendix V – Abstract

Minor dams details for regions outside project catchment (Minor project study)

Basin	Sub-basin	Minot Projects	
		Number	Live Storage, Mm^3
Banas	Banas	71	79.52
	Berach		
	Dain		
	Gudia		
	Kalisil	1	1.30
	Khari		
	Kothari		
	Mashi	10	5.59
	Morel	47	63.02
	Sodra	11	14.39
Banas Total		**140**	**163.82**
Banganga	Banganga	167	187.35
Banganga Total		**167**	**187.35**
Chambal	Chakan	8	36.22
	Chambal Downstream	14	27.43
	Chambal Upstream		
	Kali Sindh	16	41.83
	Kunu	5	6.01
	Mej	28	53.05
	Parwati	11	31.04
Chambal Total		**82**	**195.58**
Gambhir	Gambhir	107	98.70
Gambhir Total		**107**	**98.70**
Luni	Bandi		
	Bandi (Hemawas)	15	34.32
	Guhiya	11	15.46
	Jawai	30	24.17
	Jojri	71	46.21
	Khari	37	41.12
	Khari (Hemawas)		
	Luni	323	151.55
	Mithari	27	50.46
	Sagi	19	9.19
	Sukri	2	2.90
	Sukri (Sayala)	5	10.66
Luni Total		**540**	**386.04**
Mahi	Anas	43	43.60
	Bhadar	4	19.52
	Jakham	14	25.18
	Mahi	62	86.57
	Moran	18	39.79

Basin	Sub-basin	Minot Projects	
		Number	Live Storage, Mm^3
	Som	12	12.05
Mahi Total		**153**	**226.71**
Other Nallahs of Jalore	Other Nallahs of Jalore	30	28.51
Other Nallahs Of Jalore Total		**30**	**28.51**
Outside Basin	Sub 3	4	1.46
	Sub 4	40	12.94
	Sub 5	76	20.64
	Sub 6	26	2.70
Outside Basin Total		**146**	**37.74**
Parbati	Parbati	12	12.03
Parbati Total		**12**	**12.03**
Ruparail	Ruparail	51	39.81
Ruparail Total		**51**	**39.81**
Sabarmati	Sabarmati	8	8.22
	Sei	9	16.45
	Vatrak	13	27.42
	Wakal	24	65.98
Sabarmati Total		**54**	**118.06**
Sabi	Sabi	62	82.39
Sabi Total		**62**	**82.39**
Shekhawati	Dohan	21	22.39
	Kantli	20	17.72
	Mendha	33	27.73
Shekhawati Total		**74**	**67.84**
Sukli	Sukli	13	27.14
Sukli Total		**13**	**27.14**
West Banas	West Banas	21	35.95
West Banas Total		**21**	**35.95**
Grand Total		**1652**	**1,707.67**

Appendix V - Minor Dams Details in Outside Project Catchment and Basins

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2887	Bagruwala	SAWAI MADHOPUR	Khandar	Banas	Banas	Minor	State Time	25.996440	76.630533	NA	1,463.00	0.29	0.29	NA	NA	Petakast	NA	30.00	NA
2888	Bamanwala	SAWAI MADHOPUR	Khandar	Banas	Banas	Minor	State Time	25.999620	76.647596	NA	1,646.00	1.00	1.00	NA	NA	Petakast	NA	20.00	NA
2856	Galai Sagar	SAWAI MADHOPUR	Khandar	Banas	Banas	MINOR	1934	26.036206	76.579302	5.41	2,200.00	8.16	0.16	NA	220.74	43.00	1,736.00	1,733.00	657.00
2838	Adalwara	SAWAI MADHOPUR	Sawai Madhopur	Banas	Banas	MINOR	State Time	26.075374	76.236243	NA	1,097.00	0.55	0.60	NA	NA	0.80	NA	105.00	NA
2844	Bhagwat Garh	SAWAI MADHOPUR	Sawai Madhopur	Banas	Banas	MINOR	1955	26.134570	76.262580			7.21	7.21					1,365.00	
2858	Girdarpura	SAWAI MADHOPUR	Sawai Madhopur	Banas	Banas	MINOR	State Time	26.093591	76.227444	NA	1,067.00	0.24	0.24	NA	NA	Petakast	NA	68.00	NA
2890	Hajari wala	SAWAI MADHOPUR	Sawai Madhopur	Banas	Banas	Minor		26.033713	76.463348	NA	NA	0.49	0.49	NA	36.79	NA	NA	20.00	NA
3011	Aakodia	TONK	Deoli	Banas	Banas	MINOR	1987	25.847909	75.538269	4.45	2,086.00	0.44	0.44	0.10	1,862.00	5.61	332.00	210.10	111.00
3041	Chandi Sagar	TONK	Deoli	Banas	Banas	MINOR	old	25.764825	75.499086	3.81	1,165.00	0.57	0.57	0.15	2,351.00	Small W.Course	202.42	129.50	80.97
3046	Danta Sagar	TONK	Deoli	Banas	Banas	MINOR	old	25.753842	75.448908	1.52	1,413.00	0.30	0.28	0.20	1,069.00	0.91	83.00	65.00	60.77
3056	Dooni Sagar	TONK	Deoli	Banas	Banas	MINOR		25.853179	75.591292			1.42	1.42					303.50	
3182	Kala Talab Mundiya	TONK	Deoli	Banas	Banas	Minor	old	25.862218	75.506275	3.04	1,798.00	0.17	0.17	0.06	791.00	1.22	73.00	40.50	24.00
3113	Nagaja	TONK	Deoli	Banas	Banas	MINOR	old	25.814545	75.575629	4.42	744.00	0.52	0.47	0.11	1,668.00	1.83	134.41	112.90	67.20
3121	Panwar Sagar	TONK	Deoli	Banas	Banas	MINOR	old	25.781993	75.407216	5.70	3.84	4.06	4.05	10.24	173.00		1,447.00	868.00	599.19
3145	Sangram Sagar	TONK	Deoli	Banas	Banas	MINOR	old	25.805831	75.506231			0.94	0.95					310.80	
3151	Sarkawas	TONK	Deoli	Banas	Banas	MINOR	old	25.948459	75.597875	2.13	1,081.00	0.42	0.45	0.21	413.00	1.46	101.21	64.80	63.56
3152	Sawat Sagar	TONK	Deoli	Banas	Banas	MINOR		25.757204	75.444356				0.18					36.40	
3018	Baneria Naya	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.097314	75.570511			0.64	0.64					122.00	
3019	Baneria Purana	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.070096	75.568170			0.20	1.70					82.00	
3024	Bayla	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.103409	75.513193	3.96	1,249.00	0.38	0.38	0.10	790.00	1.70	80.97	60.70	54.25
3032	Bibolav	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.029167	75.587500	3.66	1,432.00	0.40	0.40	0.11	1,583.00	0.60	166.00	80.90	58.29
3039	Botunda	TONK	Todaraisingh	Banas	Banas	MINOR	1990	25.910982	75.486062	3.40	2.97	0.91	0.91	4.92	12.00		1,618.00	156.00	242.91
3042	Chhan	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.074491	75.634307	3.35	1,722.00	0.51	0.51	0.15	4,240.00	1.43	214.57	1,012.00	68.82
3052	Dhareda Sagar	TONK	Todaraisingh	Banas	Banas	MINOR		26.116320	75.449024				2.86					501.80	
3048	Dhbru Sagar	TONK	Todaraisingh	Banas	Banas	MINOR		26.062409	75.601344				1.75					306.00	
3180	Dhibru Sagar	TONK	Todaraisingh	Banas	Banas	Minor		26.052919	75.623822			1.78	1.78					304.00	
3058	Falolav Kukar	TONK	Todaraisingh	Banas	Banas	MINOR		26.106209	75.470376			0.16	0.17					68.80	
3061	Ganeta Sagar	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.041074	75.562358	5.79	1,749.00	1.30	1.30	0.22	6,144.00	14.48	506.00	222.60	182.18
3181	Ghareda Sagar	TONK	Todaraisingh	Banas	Banas	Minor	old	26.108616	75.487265	6.90	1.47	2.88	2.88	5.92	32.00	18.18	907.00	501.80	412.15
3069	Harbhagatpur	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.119918	75.613833	2.44	1,387.00	0.16	0.17	0.07	813.00	Small W.Course	32.00	24.30	23.00
3075	Islampura	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.074880	75.625130	3.65	1,015.00		0.52	0.06	5,534.00	Small W.Course	243.00	72.80	101.00
3087	Kherda Sagar	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.029167	75.616667	3.04	1,868.00	0.34	0.34	0.11	1,152.00	0.73	146.00	101.00	49.00
3088	Kherli Sagar	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.060587	75.492522			0.41	0.41					77.00	
3107	Modiyala	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.057484	75.622934			0.17	0.17					24.30	
3101	Morbhatiyan	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.014310	75.640513	3.35	1,394.00	0.23	0.23	0.07	600.00	Small W.Course	32.00	24.00	24.00
3114	Naya Talab Gadia	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.106227	75.590400	3.35	1,402.00	0.45	0.45	0.14	792.00	1.67	226.72	145.70	64.77
3130	Ram Nagar Morla	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.029167	75.541667	3.04	1,800.00	0.52	0.48	0.17	1,937.00	Small W.Course	47.00	47.00	47.00
3135	Rampura	TONK	Todaraisingh	Banas	Banas	MINOR	old	25.944335	75.492934	3.04	1,620.00	0.29	0.28	0.11	1,200.00	Small W.Course	113.00	68.00	41.00
3136	Rathoria	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.013303	75.490807	4.88	941.00	0.26	0.25	0.06	720.00	1.20	49.00	40.50	41.00
3137	Ratwara	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.086491	75.508759	2.44	1,706.00	0.17	0.17	0.07	580.00	0.76	55.00	32.30	22.00
3142	Sadarpura	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.125316	75.547811	2.74	1,372.00	0.54	0.20	0.03	813.00	0.30	85.00	53.00	28.00
3143	Salbhyawas	TONK	Todaraisingh	Banas	Banas	MINOR	old	25.967167	75.501665	5.79	1,354.00	0.66	0.65	0.11	3,707.00	1.67	255.00	125.50	94.73
3144	Sandla	TONK	Todaraisingh	Banas	Banas	MINOR	old	26.045890	75.492000	3.05	1,240.00	1.25	1.24	0.14	2,153.00	Small W.Course	356.27	202.30	182.18
3013	Arnimal	TONK	Tonk	Banas	Banas	MINOR	old	26.065761	75.792929	3.05	1,432.00	0.17	0.17	0.06	1,118.00	Small W.Course	60.72	36.40	16.20
3035	Bishanpura	TONK	Tonk	Banas	Banas	MINOR	old	26.022817	75.869474	4.27	1,372.00	0.34	0.34	0.08	1,658.00	3.81	125.50	48.60	24.29
3040	Chandalai	TONK	Tonk	Banas	Banas	MINOR	State time	26.110155	75.808588	NA	3,353.00	4.53	4.53	NA	564.21	5.70	863.00	1,295.00	558.00
3044	Dakhiya	TONK	Tonk	Banas	Banas	MINOR	State time	26.023903	75.736957	7.01	1,280.00	8.12	8.12	8.27	297.29	12.19	2,591.00	1,619.00	981.00
3047	Daulat Sagar	TONK	Tonk	Banas	Banas	MINOR	old	26.268541	75.823463	5.40	11.52	4.28	5.13	11.62	297.00	2.04	1,830.00	1,092.70	445.34
3050	Deopura	TONK	Tonk	Banas	Banas	MINOR	old	26.158333	75.891667	3.04	1,372.00	0.20	0.20	0.07	1,510.00	Small W.Course	70.85	36.40	20.24
3071	Harchandera	TONK	Tonk	Banas	Banas	MINOR	old	26.112575	75.887954	4.57	1,688.00	0.79	0.74	0.16	1,708.00	1.50	307.70	121.40	113.36
3072	Hathona	TONK	Tonk	Banas	Banas	MINOR	old	26.237500	75.908333	3.96	853.00	0.76	0.76	0.19	2,828.00	1.34	182.18	128.50	109.31
3092	Lamba	TONK	Tonk	Banas	Banas	MINOR	old	26.060181	75.761890	3.96	2,256.00	0.68	0.68	0.17		Small W.Course	242.91	245.00	97.16
3096	Lawadar	TONK	Tonk	Banas	Banas	MINOR	old	26.033352	75.836031	4.27	1,737.00	0.68	0.68	0.16		Small W.Course	234.82	153.80	97.16

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
3123	Parli	TONK	Tonk	Banas	Banas	MINOR	old	26.133333	75.737500	3.35	3,048.00	0.37	0.37	0.11		Small W.Course	101.21	44.50	40.48
3141	Rustamganj	TONK	Tonk	Banas	Banas	MINOR	old	26.099803	75.836373	3.96	2,347.00	0.76	0.76	0.19	2,797.00	Small W.Course	300.00	149.70	109.31
3147	Sankhali	TONK	Tonk	Banas	Banas	MINOR	old	26.150163	75.752568	3.66	2,134.00	0.23	0.23	0.06	793.00	Small W.Course	85.00	53.00	20.24
3148	Sankhana	TONK	Tonk	Banas	Banas	MINOR	old	25.964652	75.723829	3.35	3,871.00	1.81	1.81	0.54	2,257.00	Small W.Course	287.44	287.30	161.94
3162	Sohela	TONK	Tonk	Banas	Banas	MINOR	old	26.250362	75.848731	3.66	1,737.00	0.23	0.23	0.06	1,580.00	1.60	85.00	56.70	40.48
3175	Vazeerpura	TONK	Tonk	Banas	Banas	MINOR	old	25.957777	75.771601	3.66	1,554.00	0.79	0.79	0.22		Small W.Course	308.00	137.60	113.36
3012	Agrabilas Pura	TONK	Uniara	Banas	Banas	MINOR	old	25.950736	75.872475	3.28	1,708.00	0.20	0.20	0.06	280.00	1.60	62.75	40.50	28.34
3021	Banetha	TONK	Uniara	Banas	Banas	MINOR	old	26.068071	75.998874	3.28	1,417.00	0.68	0.68	0.21		1.60	141.70	141.60	97.16
3028	Bhanpura	TONK	Uniara	Banas	Banas	MINOR	old	25.954273	75.888910	3.90	3.30	1.58	1.58	7.00	170.00	5.00	213.00	500.00	306.07
3037	Borkhandi Khurd	TONK	Uniara	Banas	Banas	MINOR	old	25.961613	75.842941	4.57	853.00	0.51	0.51	0.11	790.00	Small W.Course	242.91	125.50	80.97
3049	Deopura	TONK	Uniara	Banas	Banas	MINOR	old	25.957514	75.791159	3.28	1,609.00	0.28	0.28	0.09	660.00	1.60	101.21	53.00	40.48
3063	Gothra	TONK	Uniara	Banas	Banas	MINOR	old	25.966283	75.902877	3.66	2,484.00	1.10	1.10	0.30	3,100.00	3.20	396.76	186.20	157.89
3084	Kedli Sagar	TONK	Uniara	Banas	Banas	MINOR	old	25.937500	76.066667	4.57	984.00	0.91	0.91	0.20	2,490.00	Small W.Course	303.64	202.30	129.55
3108	Mohammad garh	TONK	Uniara	Banas	Banas	MINOR	old	25.931412	75.935280	4.00	2.10	1.96	1.95	8.63	49.00	3.00	591.00	319.70	279.35
3109	Mohd Ganj	TONK	Uniara	Banas	Banas	MINOR	old	25.922047	75.963407	4.57	2,224.00	0.37	0.40	0.08	134.00	Small W.Course	113.36	60.10	52.63
3140	Roopwas	TONK	Uniara	Banas	Banas	MINOR	1991	26.075941	75.946127	6.00	1,350.00	1.45	3.25	0.24	4,438.00	Small W.Course	140.00	266.00	60.00
3163	Soonthra	TONK	Uniara	Banas	Banas	MINOR	old	26.005952	75.980605	4.80	2.70	2.66	2.66	9.41	83.00	5.00	1,278.00	552.00	380.16
3173	Vijay Garh	TONK	Uniara	Banas	Banas	MINOR	old	25.945460	75.832320	3.35	2,408.00	0.65	0.65	0.19	3,440.00	1.60	145.74	153.40	93.11
	Sub Basin Total											**78.50**	**79.52**				**20,646.97**	**18,044.70**	**8,053.56**
2440	Kalayanpura	KARAULI	Sapotra	Banas	Kalisil	MINOR		26.181104	76.766664				1.30					20.30	
	Sub Basin Total											-	**1.30**				-	**20.30**	-
3054	Dheer Sagar Lawa	TONK	Malpura	Banas	Mashi	MINOR	old	26.379265	75.539494	3.96	1,280.00	0.34	0.34	0.09	2,632.00	Small W.Course	177.32	117.00	88.26
3085	Kerowali Nadi	TONK	Malpura	Banas	Mashi	MINOR	old	26.356282	75.550062	3.25	862.00	0.14	0.14	0.04	501.00	Small W.Course	13.00	8.50	9.00
3133	Ram Sagar Lawa	TONK	Malpura	Banas	Mashi	MINOR	old	26.351844	75.532721	3.35	190.00	0.42	0.42	0.13		1.28	121.46	83.00	80.97
3155	Shiv Sagar Lawn	TONK	Malpura	Banas	Mashi	MINOR	old	26.398241	75.592152	3.35	1,925.00	0.41	0.30	0.08	1,675.00	Small W.Course	53.00	56.60	27.12
3166	Sultan Sagar	TONK	Malpura	Banas	Mashi	MINOR	old	26.377391	75.489702	4.27	2,141.00	0.27	0.25	0.06	1,530.00	Small W.Course	417.00	290.60	173.25
3174	Vijay Sagar Lawn	TONK	Malpura	Banas	Mashi	MINOR	old	26.377421	75.574529	3.65	2,223.00	0.71	0.71	0.19	6,800.00	2.44	101.21	66.90	59.51
3045	Dangarthal	TONK	Niwai	Banas	Mashi	MINOR	old	26.373045	75.796457	3.96	2,164.00	0.54	0.54	0.14	2,333.00	3.50	340.00	129.50	129.55
3016	Bagri	TONK	Tonk	Banas	Mashi	MINOR	old	26.328759	75.793008	3.31	1,372.00	0.85	1.61	0.21	4,414.00	3.29	202.43	156.20	97.16
3038	Borkhandi Klan	TONK	Tonk	Banas	Mashi	MINOR	old	26.317911	75.597474	3.96	2,073.00	0.59	0.57	0.14	2,000.00	2.29	81.00	80.90	60.73
3077	Jhairana	TONK	Tonk	Banas	Mashi	MINOR	old	26.283333	75.641667	3.35	2,195.00	0.71	0.71	0.21	2,821.00	Small W.Course	161.94	161.90	80.97
	Sub Basin Total											**4.98**	**5.59**				**1,668.36**	**1,151.10**	**806.52**
1694	Binori Sagar	DAUSA	Lalsot	Banas	Morel	MINOR		26.533333	76.408333				3.60					890.30	
1724	Diwachali	DAUSA	Lalsot	Banas	Morel	NA		26.444344	76.342889				4.64					663.00	
1698	Dokhan Sagar	DAUSA	Lalsot	Banas	Morel	MINOR		26.560302	76.372399				1.10					263.00	
2434	Gendol	KARAULI	Nadoti	Banas	Morel	MINOR		26.599131	76.667544				2.52					892.00	
2426	Baloti	KARAULI	Sapotra	Banas	Morel	MINOR		26.384728	76.758432				0.80					140.80	
2428	Bherunda	KARAULI	Sapotra	Banas	Morel	MINOR		26.350533	76.704239				1.94					416.80	
2429	Bhumender Sagar	KARAULI	Sapotra	Banas	Morel	MINOR	-	26.323959	76.742235				3.86					477.50	
2441	Kheda	KARAULI	Sapotra	Banas	Morel	MINOR		26.456972	76.818891				2.25					106.00	
2442	Khirkhiri	KARAULI	Sapotra	Banas	Morel	MINOR	-	26.355266	76.720234				2.96		NA			456.50	246.00
2474	Kudawada	KARAULI	Sapotra	Banas	Morel	Minor		26.386953	76.818714				0.39					45.00	
2445	Lower Dabra	KARAULI	Sapotra	Banas	Morel	MINOR		26.352987	76.773595				0.14					202.00	
2448	Mandawara	KARAULI	Sapotra	Banas	Morel	MINOR		26.446821	76.853055				0.20					163.10	
2457	Peedia Sheikpura	KARAULI	Sapotra	Banas	Morel	MINOR		26.397128	76.799692				0.66					189.40	
2464	Upper Dabra	KARAULI	Sapotra	Banas	Morel	MINOR		26.422702	76.848866				0.14					20.20	
2839	Akodia	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	2005	26.449046	76.584413	7.60	1,000.00	2.54	2.54	NA	191.02	4.75	607.00	569.23	368.00
2889	Gandal	SAWAI MADHOPUR	Bamanwas	Banas	Morel	Minor	State Time	26.575774	76.671818	7.30	2,680.00	2.56	2.56	NA	258.86	8.84	114.00	522.27	522.00
2885	Gudala	SAWAI MADHOPUR	Bamanwas	Banas	Morel	Minor	State Time	26.557454	76.448735	NA	1,310.00	0.18	0.18	NA	NA	1.50	2.73	65.00	41.00
2859	Gurla	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR		26.568302	76.425381				0.17					66.80	
2868	Nagtalai	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	State Time	26.564764	76.669119	6.70	5,810.00	2.96	3.00	NA	1,865.50	4.13	1,076.00	809.40	459.00
2891	Naya Talab Liwali	SAWAI MADHOPUR	Bamanwas	Banas	Morel	Minor		26.564524	76.505347			0.72	0.72					279.35	
2871	Nazimwala	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	State Time	26.561892	76.560598	NA	2,499.00	0.26	0.25	NA	NA	1.06	NA	80.30	NA

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2873	New Tank Liwali	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR		26.540295	76.482342				0.71					449.20	
2875	Piplai	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	State Time	26.504572	76.537422	NA	NA	0.59	0.88	NA	NA	NA	NA	119.00	NA
2878	Ranita	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	State Time	26.622444	76.603976			0.75	0.80					202.30	
2879	Shankarsagar	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	2006	26.455325	76.540605	5.20	2,430.00	0.70	0.70	NA	116.58	1.34	169.00	126.00	107.00
2880	Sinhtoli	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	1978	26.569662	76.406823	6.00	1,460.00	2.55	2.41	NA	178.40	6.55	562.00	527.70	316.00
2881	Sobhag Sagar	SAWAI MADHOPUR	Bamanwas	Banas	Morel	MINOR	State Time	26.539499	76.465743	NA	NA	0.58	0.57	NA	NA	1.50	NA	70.00	42.00
2841	Badoti	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.252834	76.378369			0.22	0.22					38.00	
2845	Bharja Gaddi	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.255377	76.420442			0.18	0.18					20.20	
2846	Bhim Sagar	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.310144	76.278522			0.21	0.20					64.80	
2852	Dhand sagar	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.313406	76.395787	NA	1,402.00	0.18	0.18	NA	NA	NA	NA	38.00	NA
2853	Dhelra Sagar	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.326757	76.385135	NA	1,890.00	0.61	0.61	NA	NA	NA	NA	114.00	NA
2855	Durga Sagar	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.281778	76.395349	NA	2,377.00	0.20	0.19	NA	NA	NA	NA	38.00	NA
2860	Jai Sagar	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.366129	76.373700	NA	2,194.00	0.02	1.01	NA	NA	6.40	NA	190.00	NA
2863	Kharila	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.327250	76.288868	NA	1,524.00	0.28	0.28	NA	NA	1.07	NA	100.00	NA
2867	Nagalao	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.352460	76.313859	7.60	7,400.00	1.44	1.44	NA	108.50	5.00	405.00	343.90	202.00
2876	Ram Sagar	SAWAI MADHOPUR	Bonli	Banas	Morel	MINOR	State Time	26.332740	76.378640	NA	3,048.00	2.05	2.05	NA	NA	7.16	NA	399.00	NA
2843	Baniyawala	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR	State Time	26.543757	76.756128	4.90	3,005.00	0.99	0.99	NA	301.87	4.50	462.00	346.80	202.00
2848	Bhutka	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR		26.592349	76.719419				0.12					40.70	
2850	Chandpura	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR		26.540205	76.816295			4.74	4.80					1,369.50	
2854	Dobe	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR	State Time	26.487479	76.810709			0.31	0.31					135.90	
2861	Jeewali	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR	State Time	26.504034	76.836710			0.42	0.42					58.70	
2865	Moti Sagar	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR	1928	26.539748	76.681527			6.49	6.49					323.00	
2872	Nazimwala (GLC)	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR	State Time	26.500689	76.719246	NA	2,438.00	0.65	0.80	NA	NA	3.43	NA	289.40	172.00
2882	Talaka	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR		26.571592	76.726726				0.30					29.50	
2884	Tori	SAWAI MADHOPUR	Gangapur	Banas	Morel	MINOR		26.477727	76.667716				0.88					235.50	
2886	Toxi	SAWAI MADHOPUR	Gangapur	Banas	Morel	Minor	State Time	26.501277	76.785823	NA	2,286.00	0.86	0.86	NA	NA	1.76	NA	238.00	141.70
	Sub Basin Total											**34.24**	**63.02**				**3,397.73**	**13,225.05**	**2,818.70**
3030	Bhawalpur Kenviala	TONK	Malpura	Banas	Sodra	MINOR	old	26.208969	75.485757			1.74	1.70					411.20	
3067	Halolao Kalmada	TONK	Malpura	Banas	Sodra	MINOR	old	26.248575	75.536545	4.80	2.55	2.09	2.09	7.40	38.00	9.60	672.00	404.70	302.02
3111	Naghphani	TONK	Malpura	Banas	Sodra	MINOR	old	26.267847	75.478633	2.44	2,833.00	1.52	1.50	0.62	1,247.00	Small W.Course	611.34	236.30	217.00
3171	Tilanju	TONK	Malpura	Banas	Sodra	MINOR	old	26.185400	75.476781	3.04	1,840.00	0.28	0.28	0.09	2,253.00	2.59	113.36	52.60	40.48
3020	Ban Ka Khera	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.175098	75.434173	3.35	2,051.00	0.28	0.28	0.08	2,028.00	2.32	85.00	52.50	28.00
3090	Kuhada	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.162490	75.592456	3.66	2,011.00	0.23	0.23	0.06	1,530.00	Small W.Course	71.00	33.60	26.00
3119	Paldraheda	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.146541	75.482750	3.66	2,332.00	0.54	0.54	0.15	885.00	Small W.Course	234.81	97.10	76.92
3138	Rendiliya Rampura	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.153424	75.457180	3.96	2,544.00	0.44	0.44	0.11	625.00	4.66	178.13	86.90	62.35
3161	Sohadra	TONK	Todaraisingh	Banas	Sodra	MINOR		26.191880	75.563966			6.14	6.50					1,131.00	
3164	Subdand Topa	TONK	Todaraisingh	Banas	Sodra	MINOR	old	26.167247	75.556125	3.96	1,570.00	0.26	0.26	2.35	1,720.00	4.11	109.00	60.70	38.00
3118	Nimbhera	TONK	Tonk	Banas	Sodra	MINOR	old	26.234173	75.633986	3.96	1,829.00	0.57	0.57	0.14	12,129.00	1.52	80.97	80.90	40.48
	Sub Basin Total											**14.09**	**14.39**				**2,155.61**	**2,647.50**	**831.25**
	Basin Total											**131.81**	**163.82**				**27,868.67**	**35,088.65**	**12,510.04**
394	Adoli	ALWAR	Kathumar	Banganga	Banganga	MINOR	State Time	27.267998	76.872909	2.43	394.00	0.23	0.23	N.A	N.A	Not Canal	N.A	38.00	N.A
421	Chhattarpura	ALWAR	Kathumar	Banganga	Banganga	MINOR		27.262690	77.121082				0.20					38.00	
422	Dabara	ALWAR	Kathumar	Banganga	Banganga	MINOR		27.345813	77.206268				0.94					95.00	
430	Gala Khera	ALWAR	Kathumar	Banganga	Banganga	MINOR	State Time	27.211963	77.004634	1.92	1,149.00	0.30	0.30	N.A	N.A	Not Canal	N.A	71.50	N.A
448	Jatwara	ALWAR	Kathumar	Banganga	Banganga	MINOR	State Time	27.262261	76.896956	2.43	415.50	0.65	0.65	N.A	N.A	Not Canal	N.A	155.50	N.A
490	Pritam Pura	ALWAR	Kathumar	Banganga	Banganga	MINOR	State Time	27.192952	77.030296	0.91	915.00	1.39	1.38	N.A	N.A	Not Canal	N.A	297.70	N.A
493	Ram Sagar Sumushi	ALWAR	Kathumar	Banganga	Banganga	MINOR	State Time	27.189287	76.993830	1.92	1,131.00	0.30	0.30	N.A	4,385.00	Not Canal	N.A	71.60	N.A
502	Salwari	ALWAR	Kathumar	Banganga	Banganga	MINOR		27.213158	76.960081	2.13	1,320.00	0.12	0.12	N.A	N.A	Not Canal	N.A	29.00	N.A
513	Tasai	ALWAR	Kathumar	Banganga	Banganga	MINOR		27.362911	77.090941	1.82	3,240.00	1.40	0.40	N.A	N.A	Not Canal	N.A	47.00	N.A
518	Titpuri	ALWAR	Kathumar	Banganga	Banganga	MINOR	State Time	27.371551	77.001606	3.00	2,265.00	1.22	1.22	N.A	N.A	Not Canal	N.A	290.20	N.A
519	Toda Bund	ALWAR	Kathumar	Banganga	Banganga	MINOR	State Time	27.355752	76.920980	N.A		0.85	0.85	N.A	N.A	Not Canal	N.A	202.50	N.A
522	Tusari	ALWAR	Kathumar	Banganga	Banganga	MINOR	State time	27.344908	77.102656	0.91	5,300.00	3.00	3.01	N.A				71.82	489.67
400	Atal Bund	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.367339	76.823912	1.82	1,146.00	0.41	0.41	N.A	N.A	Not Canal	N.A	43.10	N.A
405	Bagh Singh Teliwala	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR		27.385896	76.808710				1.21					228.00	
416	Bichgaon	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.279167	76.815278	1.82	2,100.00	1.04	1.04	N.A	N.A	Not Canal	N.A	148.00	N.A
432	Ghatbai Bund	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.458787	76.802451	3.00	1,260.00	1.75	1.75	N.A	N.A	Not Canal	N.A	342.00	N.A
433	Gor Pahari	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.376881	76.835630	1.82	3,450.00	0.41	0.41	N.A	N.A	Not Canal	N.A	76.00	N.A
437	Harsana	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.307227	76.836363	1.37	2,250.00	0.93	0.93	N.A	N.A	Not Canal	N.A	163.00	N.A
450	Jhalatal	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.237056	76.825526	N.A	2,400.00	0.24	0.25	N.A	N.A	Not Canal	N.A	48.00	N.A
454	Kanwara	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.372702	76.885490	2.86	1,320.00	0.12	0.12	N.A	N.A	Not Canal	N.A	19.00	N.A
466	Lachhmangarh Bund	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State time	27.381877	76.859511	1.60	5,100.00	3.00	2.94	N.A				551.00	473.07
468	Lily Bund	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.358296	76.886098	1.06	4,020.00	0.43	0.43	N.A	N.A	Not Canal	N.A	76.00	N.A
495	Ramlal Wala	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.349501	76.822482	10.36	3,510.00	0.44	0.43	N.A	N.A	Not Canal	N.A	131.00	N.A
501	Sajjan Puri	ALWAR	Lachhmangarh	Banganga	Banganga	MINOR	State Time	27.345289	76.851393	0.30	1,020.00	0.09	0.09	N.A	N.A	Not Canal	N.A	171.00	N.A

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
527	Bigota	ALWAR	Rajgarh	Banganga	Banganga	Minor	State time	27.127689	76.459526	5.80	765.00	1.56	1.40	N.A		1.80	575.00	410.00	260.00
418	Birkhiri	ALWAR	Rajgarh	Banganga	Banganga	MINOR		27.073282	76.340357				1.07					265.50	
425	Dewti Bund	ALWAR	Rajgarh	Banganga	Banganga	MINOR		27.168005	76.498834				5.88					1,344.90	
444	Jai Sagar	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State time	27.171062	76.293197	12.08	376.00	6.57	6.53	N.A	141.60	10,300.00	1,336.67	946.60	567.99
460	Kho Bund	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State Time	27.193644	76.368968	2.43	720.00	0.14	0.14	N.A	60.90	Not Canal	N.A	31.50	N.A
471	Man Sarowar	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State time	27.241945	76.390258	6.55	1,500.00	9.60	9.08	N.A	424.50	2,750.00	867.56	842.90	820.17
472	Mangalsar	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State time	27.218426	76.419609	17.37	64.00	18.68	0.45	N.A	396.20	184,160.00	3,318.98	157.00	574.94
482	Nirmla Bund	ALWAR	Rajgarh	Banganga	Banganga	MINOR		27.186358	76.577093				0.05					3.00	
484	Patwari Ka Naka	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State Time	27.232446	76.468782	3.13	156.00	0.07	0.07	N.A	N.A	Not Canal	N.A	16.00	N.A
492	Rajroli	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State Time	27.247372	76.428993	3.65	1,155.00	0.38	0.37	N.A	141.50	Not Canal	N.A	32.80	N.A
510	Surer Lower	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State Time	27.173365	76.633247	3.35	750.00	0.35	0.35	N.A	N.A	Not Canal	N.A	72.80	N.A
511	Surer Upper	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State Time	27.178568	76.616437	2.74	510.00	0.35	0.35	N.A	24.10	Not Canal	N.A	24.30	N.A
512	Talab Bund	ALWAR	Rajgarh	Banganga	Banganga	MINOR	State Time	27.218000	76.455297	4.26	2,250.00	0.58	0.35	N.A	11.20	Not Canal	N.A	36.40	N.A
423	Danpur	ALWAR	Reni	Banganga	Banganga	MINOR		27.155446	76.792784				0.30					85.00	
424	Dera Bund	ALWAR	Reni	Banganga	Banganga	MINOR		27.160220	76.673775				0.85					45.30	
429	Dugduga	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.123741	76.675008	1.52	1,869.00	0.30	0.30	N.A	N.A	Not Canal	N.A	72.40	N.A
431	Garhi Sawairam	ALWAR	Reni	Banganga	Banganga	MINOR	1872	27.206492	76.806159	1.82	1,410.00	0.11	0.10	N.A	N.A	Not Canal	N.A	114.90	N.A
446	Jamboli	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.146838	76.661772	3.65	67.50	0.29	0.29	N.A	N.A	Not Canal	N.A	23.10	N.A
467	Lakhnaka	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.238536	76.682943	1.82	2,100.00	0.44	0.44	N.A	N.A	Not Canal	N.A	40.90	N.A
469	Macheri	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.241089	76.666020	3.65	98.40	0.85	0.08	N.A	N.A	800.00	N.A	49.40	N.A
481	Nimbola	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.143506	76.738925	1.52	2,940.00	0.33	0.33	N.A	N.A	2,000.00	N.A	40.00	N.A
530	Odpur	ALWAR	Reni	Banganga	Banganga	Minor	State Time	27.296777	76.670263		198.00	0.10	0.23	N.A	N.A	Not Canal	N.A	72.00	N.A
485	Pinan	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.259012	76.748439	2.43	2,580.00	0.85	0.85	N.A	N.A	3,300.00	N.A	79.70	N.A
486	Pinas Nagal	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.209877	76.731744	1.82	1,162.50	0.11	0.10	N.A	N.A	Not Canal	N.A	12.00	N.A
498	Reni New	ALWAR	Reni	Banganga	Banganga	MINOR		27.156589	76.732656				0.85					148.50	
499	Reni Old	ALWAR	Reni	Banganga	Banganga	MINOR		27.170417	76.736411				0.39					63.10	
500	Roopwas	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.219945	76.750598	3.65	1,635.00	1.36	0.12	N.A	1,023.00	Not Canal	N.A	60.70	N.A
515	Thetra	ALWAR	Reni	Banganga	Banganga	MINOR	State Time	27.195536	76.737264	N.A	15.00	0.26	0.26	N.A	N.A	Not Canal	N.A	63.10	N.A
516	Thonsara	ALWAR	Reni	Banganga	Banganga	MINOR		27.171091	76.690279				0.85					202.50	
395	Agar Bund	ALWAR	Thanagazi	Banganga	Banganga	MINOR	State Time	27.294018	76.172213	N.A	701.10	2.88	2.88	N.A	13.20	2,800.00	N.A	252.90	N.A
398	Amka	ALWAR	Thanagazi	Banganga	Banganga	MINOR	2006-07	27.288649	76.159161	6.25	385.00	1.43	1.31	N.A		4,500.00	326.00	288.00	259.00
449	Jetpur	ALWAR	Thanagazi	Banganga	Banganga	MINOR		27.239150	76.291374				2.49					518.40	
529	Kishori	ALWAR	Thanagazi	Banganga	Banganga	Minor	State Time	27.281881	76.300976		1,470.00	0.32	1.12	N.A	N.A	Not Canal	N.A	160.00	N.A
503	Samar Sarovar	ALWAR	Thanagazi	Banganga	Banganga	MINOR		27.216667	76.200000			1.13	1.06					379.00	
920	Jhangirpur	BHARATPUR	Bayana	Banganga	Banganga	MINOR	-	27.082355	77.302447	4.11	670.00	0.14	1.42		17,360.00		140.32	266.00	140.32
1008	Shekhpur	BHARATPUR	Bayana	Banganga	Banganga	MINOR		27.076798	77.290991				0.20					38.00	
1029	Dabara bund	BHARATPUR	Deeg	Banganga	Banganga	Minor	State Time	27.432598	77.207836	3.04	2.22	NA	0.40	NA	19.81	NA	NA	57.00	NA
914	Januthor	BHARATPUR	Deeg	Banganga	Banganga	MINOR		27.402017	77.223211	3.96	4,270.00	0.80	0.79	2.32	3,000.00	Nil	357.00	357.00	357.00
846	Ajau	BHARATPUR	Kumher	Banganga	Banganga	MINOR		27.240272	77.343121				2.54					1,215.00	
862	Bansrdi	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.263677	77.282053	3.35	3536	0.62	0.62	-	-	-	197	142.05	197
869	Bhandore	BHARATPUR	Kumher	Banganga	Banganga	MINOR		27.275000	77.458333	4.42	518	0.48	0.48	3.20	-	-	160	109.27	160
870	Bhatawali	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.241260	77.293190	3.89	1128	0.99	0.99	4.32	-	11.92	270	270.00	270
881	Borai	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.259738	77.427342	4.27	701	0.54	0.54	-	-	-	80	95.00	80
898	Dhanwara	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.277225	77.357715	4.08	4,510.00	0.50	0.50	-	-	Nil	903.00	89.20	903.00
907	Helak	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.223523	77.364823	3.05	2438	1.19	1.19	-	6680	-	291	196.68	291
908	Helak Roondh	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.270783	77.367998	3.35	4420	0.22	0.22	0.80	-	-	283	472.50	283
910	Husna	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.229765	77.312180	2.44	2,050.00	0.57	0.57	-	840.00	Nil	485.00	114.00	485.00
976	Pahuwa	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.259471	77.347447	2.44	1524	1.13	1.13	2.56	-	-	121	121.00	121
986	Raisis	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.234433	77.264021	3.96	3353	0.42	0.42	-	-	-	80	81.00	80
1003	Seh	BHARATPUR	Kumher	Banganga	Banganga	MINOR	State Time	27.256377	77.418124	3.96	1,340.00	1.84	1.84	1.76	-	Nil	647.00	640.00	647.00
1021	Aranda Hantra bundh	BHARATPUR	Nadbai	Banganga	Banganga	Minor	State Time	27.139932	77.213477	2.21	1372	0.14	0.14	-	3360	-	40	40.00	40
851	Aronda	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.137027	77.210632	2.35	1829	0.33	0.34	0.16	1770	-	215	214.00	215
857	Balera Lower	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.208082	77.232737	1.83	1372	0.06	0.10	-	-	-	60	19.00	60
858	Balera Upper	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.196649	77.229342	2.59	609	0.14	0.14	-	-	-	20	19.00	20
866	Bhadira	BHARATPUR	Nadbai	Banganga	Banganga	MINOR		27.300642	77.168577			0.11	0.11					19.00	
1026	Chattarpur bund	BHARATPUR	Nadbai	Banganga	Banganga	Minor	State Time	27.257818	77.129509	2.44	1829	0.08	0.08	-	3959	-	14	14.00	14
895	Dehra	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.141252	77.258455	2.83	1829	0.17	0.17	-	3249	-	201	81.00	201
906	Hantra	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.143861	77.231708	1.84	640	0.42	0.10	-	1400	-	162	270.00	162
989	Rena	BHARATPUR	Nadbai	Banganga	Banganga	MINOR		27.154071	77.267657				0.11					19.00	
1001	Sarsera	BHARATPUR	Nadbai	Banganga	Banganga	MINOR	State Time	27.146145	77.171118	3.94	3,050.00	0.57	0.57	-	3,962.00	Nil	543.00	543.00	543.00
933	Khanuwa	BHARATPUR	Rupbas	Banganga	Banganga	MINOR		27.043898	77.514622				4.59					876.00	
842	Addi	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.207069	77.434920	3.96	610.00	0.11	0.11	0.24	-	Nil	330.00	33.00	330.00
1020	Anah bundh	BHARATPUR	Sewar	Banganga	Banganga	Minor	State Time	27.218988	77.446546	2.43	1585	0.09	0.09	0.44	-	-	36	56.00	36
855	Bahanera	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.164632	77.562287	2.74	4,880.00	3.93	3.90	-	1,400.00	Nil	955.00	741.00	955.00
887	Chakkaji	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.120747	77.542904	3.35	2,000.00	2.03	2.04	-	1,455.00	30.50	768.00	380.00	768.00
1027	Chiksana bundh	BHARATPUR	Sewar	Banganga	Banganga	Minor	State Time	27.185494	77.647912	4.80	520.00	14.15	14.15	8.32	-	Nil	810.00	810.00	810.00
909	Hindola	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.206414	77.360922	3.05	3,140.00	2.19	2.19	-	4,754.00	Nil	323.00	540.00	323.00

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
957	Moti Jheel	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.235304	77.476704	4.57	5639	6.68	1.00	9.6	-	4.5	259	259.00	259
959	Murwara	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.225271	77.442148	3.25	3,660.00	3.45	3.45	4.00	-	17.79	890.00	890.00	890.00
1005	Sewar Lower	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.199578	77.426513	3.31	3810	2.00	2.01	-	3637	-	242	242.00	242
1006	Sewar Upper	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.181865	77.439904	4.57	5,370.00	5.66	5.66	8.00	-	Nil	729.00	800.00	729.00
1009	Sheorana	BHARATPUR	Sewar	Banganga	Banganga	MINOR		27.175391	77.451784				0.48					95.00	
1012	Sinpini	BHARATPUR	Sewar	Banganga	Banganga	MINOR	State Time	27.175067	77.375876	2.51	2377	0.11	0.11	-	-	-	40	40.00	40
847	Ajronda	BHARATPUR	Weir	Banganga	Banganga	MINOR	1910	27.033110	77.252555	3.35	1,768.00	0.14	0.39	NIL	3,962.00	NIL	97.95	299.50	97.95
852	Atari pura	BHARATPUR	Weir	Banganga	Banganga	MINOR	-	27.072609	77.114914	2.15	5,181.00	2.43	2.43	NIL	1,852.00	NIL	266.00	445.50	266.00
856	Bajhera Bund	BHARATPUR	Weir	Banganga	Banganga	MINOR	-	27.019073	77.202379	2.74	2,012.00	0.34	0.30	NIL	NIL	NIL	108.00	57.00	108.00
861	Bansi	BHARATPUR	Weir	Banganga	Banganga	MINOR	1900	27.040762	77.237315	3.96	1,463.00	0.71	0.43	NIL	3,689.00	NIL	161.00	270.00	161.00
863	Baroli Bund	BHARATPUR	Weir	Banganga	Banganga	MINOR	1851	27.062035	77.102018	3.96	1,463.00	0.22	0.23	NIL	12,830.00	NIL	28.22	38.00	28.22
868	Bhaisina	BHARATPUR	Weir	Banganga	Banganga	MINOR	State Time	27.119786	77.051492	2.59	1676	0.10	0.11	-	4704	-	51	51.00	51
873	Bhonda Gaon	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.017285	77.145832	244.00	2,042.00	0.10	0.10	NIL	427.00	NIL	40.32	67.50	40.32
875	Bhusawar	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.030525	77.065364	3.66	2,408.00	0.31	0.31	NIL	1,602.00	NIL	112.91	57.00	112.91
882	Boraj	BHARATPUR	Weir	Banganga	Banganga	MINOR	1900	27.044016	77.017184	3.74	914.00	0.34	0.34	NIL	1,728.00	NIL	136.29	189.00	136.29
1025	Brijwasi bundh	BHARATPUR	Weir	Banganga	Banganga	Minor	State Time	27.125586	77.079259	2.29	1829	0.22	0.22	-	3948	-	202	202.43	202
883	Brilwari	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.129843	77.074370				0.23					38.00	
886	Chak Bholapura	BHARATPUR	Weir	Banganga	Banganga	MINOR	1967	27.063529	77.208595	3.04	914.00	0.03	0.03	NIL	840.00	NIL	40.32	8.00	40.32
901	Garhi	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.027068	77.024577	3.96	945.00	0.11	0.11	NIL	9,115.00	NIL	32.25	57.40	32.25
904	Halena Lower	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.109964	77.170680				0.23					99.90	
905	Halena Upper	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.121509	77.171379				0.34					357.80	
1017	Hewara	BHARATPUR	Weir	Banganga	Banganga	Minor		27.126241	77.028098				0.06					56.00	
912	Jagjivanpur	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.018849	77.128232	3.35	1,067.00	0.05	0.10		500.00		20.16	33.70	20.16
916	Jatpura	BHARATPUR	Weir	Banganga	Banganga	MINOR	1848	27.029842	77.215121	6.85	1,280.00	0.09	0.10		6,058.00		56.45	94.50	56.45
917	Jeewat	BHARATPUR	Weir	Banganga	Banganga	MINOR	1865	27.027025	77.209307	4.47	2,285.00	0.62	0.43		3,920.00		173.79	161.00	173.79
921	Johanpur	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.133786	77.099695				0.49					95.00	
931	Khadraya	BHARATPUR	Weir	Banganga	Banganga	MINOR	State Time	27.158370	77.026967	2.40	1280	0.18	0.18	-	1960	-	80	38.00	80
941	Khohri	BHARATPUR	Weir	Banganga	Banganga	MINOR	1877	27.003204	77.224165	3.96	1,676.00	0.17	0.17		560.00		145.16	243.00	145.16
942	Kotapatti	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.005596	77.160413	2.13	1,371.00	0.42	0.43		280.00		161.29	270.00	161.29
947	L uhasa	BHARATPUR	Weir	Banganga	Banganga	MINOR	1845	27.023284	77.237035	3.81	1,828.00	0.01	0.28		360.00		92.74	155.20	92.74
948	Lakhanpur	BHARATPUR	Weir	Banganga	Banganga	MINOR	1899	26.987858	77.188168	2.74	914.00	0.48	0.48		560.00		72.58	121.50	72.58
950	Lalpur	BHARATPUR	Weir	Banganga	Banganga	MINOR	State Time	27.054319	77.193014	5.84	4,700.00	7.36	7.36	4.96	15,200.00	4.57	789.00	875.40	789.00
952	Mahammadpur	BHARATPUR	Weir	Banganga	Banganga	MINOR	State Time	27.143505	76.995905	2.29	762	0.07	0.07	-	1960	-	44	44.53	44
1033	Mewach	BHARATPUR	Weir	Banganga	Banganga	Minor		27.142848	77.037416				0.18					40.00	
956	Morda	BHARATPUR	Weir	Banganga	Banganga	MINOR	1872	27.012782	77.220127	3.65	1,462.00	0.45	0.20		600.00		120.96	201.60	120.96
958	Muhari	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.042566	77.171727	3.96	3,200.00	0.56	0.56		500.00		153.54	324.00	153.54
1034	Nagla hetram	BHARATPUR	Weir	Banganga	Banganga	Minor	State Time	27.161738	77.091168	2.28	914	0.099	0.10	-	5527	-	121	121.21	121
962	Naswara	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.127163	77.185676				0.06					19.00	
964	Navalpura	BHARATPUR	Weir	Banganga	Banganga	MINOR	State Time	27.162372	77.012680	4.11	1829	0.15	0.15	-	2240	-	28	28.00	28
965	Naya Barkhera	BHARATPUR	Weir	Banganga	Banganga	MINOR	1908	27.059865	77.219948	3.04	1,219.00	0.15	0.15		560.00		48.38	38.00	48.38
966	Naya Gaon	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.131156	77.192170				0.04					64.80	
969	Newara	BHARATPUR	Weir	Banganga	Banganga	MINOR	State Time	27.149584	77.065210	1.77	2134	0.06	0.06	-	3948	-	91	19.00	91
970	Newari	BHARATPUR	Weir	Banganga	Banganga	MINOR	State Time	27.140200	77.071505	2.72	1219	0.18	0.18	-	3545	-	40	38.00	40
977	Pali	BHARATPUR	Weir	Banganga	Banganga	MINOR		27.128774	77.160683				0.26					48.00	
985	Raipur	BHARATPUR	Weir	Banganga	Banganga	MINOR	1897	26.995833	77.154722	3.96	1,524.00	0.18	0.18		3,168.00		48.38	48.00	48.38
988	Raniwala	BHARATPUR	Weir	Banganga	Banganga	MINOR	1899	27.001790	77.191123	4.26	2,438.00	0.48	0.48		300.00		133.06	133.60	133.06
1039	Shovana bundh	BHARATPUR	Weir	Banganga	Banganga	Minor		27.020840	77.081969				2.42					161.94	
1014	Sita	BHARATPUR	Weir	Banganga	Banganga	MINOR		26.984065	77.124523				0.64					268.31	
1691	Badriyal	DAUSA	Bandikui	Banganga	Banganga	MINOR		27.070123	76.531300				0.28					69.00	
1697	Dhapawala	DAUSA	Bandikui	Banganga	Banganga	MINOR	1851	27.085319	76.516090	NA	1,213.00	0.20	0.14	NA	22.65	Petakast	NA	40.00	Petakast
1700	Guda mui	DAUSA	Bandikui	Banganga	Banganga	MINOR	NA	27.076589	76.549368	NA	2,743.00	0.30	0.30	NA	NA	Petakast	NA	57.00	Petakast
1715	Redia	DAUSA	Bandikui	Banganga	Banganga	MINOR	1996	27.120506	76.410517	9.45	720.00	5.30	4.56	NA	0.50	14.32	1,336.43	674.50	1,053.00
1716	Reriya	DAUSA	Bandikui	Banganga	Banganga	MINOR		27.118956	76.527608				0.20					38.00	
1722	Uparda	DAUSA	Bandikui	Banganga	Banganga	MINOR	1978	27.134685	76.591259	NA	2,225.00	3.80	3.83	NA	NA	Petakast	NA	153.90	Petakast
1723	Vijay Sagar	DAUSA	Bandikui	Banganga	Banganga	MINOR	1878	27.153533	76.565031	NA	1,613.00	1.00	1.02	NA	86.69	Petakast	NA	247.00	Petakast
1693	Bhankari	DAUSA	Dausa	Banganga	Banganga	MINOR	1880	26.930322	76.364740	NA	1,521.00	5.50	0.30	NA	117.69	1.76	NA	40.00	44.53
1695	Chandrana	DAUSA	Dausa	Banganga	Banganga	MINOR	1871	26.978351	76.230713	11.00	3,900.00	4.93	5.49	4.38	1,188.00	12.51	1,124.00	1,012.00	640.00
1701	Haripur	DAUSA	Dausa	Banganga	Banganga	MINOR	1891	26.926184	76.317535	NA	1,430.00	0.30	0.29	NA	64.07	4.26	NA	72.00	40.48
1707	Mahesara	DAUSA	Dausa	Banganga	Banganga	MINOR	1953	26.950452	76.351036	NA	2,403.00	1.50	1.45	NA	150.56	3.03	NA	368.00	79.20
1720	Sindoli	DAUSA	Dausa	Banganga	Banganga	MINOR	1898	26.982358	76.404560	10.82	1,000.00	2.97	5.77	0.42	89.06	8.83	1,580.00	852.00	826.00
1702	Hudla	DAUSA	Mahwa	Banganga	Banganga	MINOR	1950	27.033333	76.866667	NA	2,160.00	1.20	1.19	NA	109.06	2.74	NA	551.00	105.00
1703	Jagrampura	DAUSA	Mahwa	Banganga	Banganga	MINOR	1955	27.010779	76.925084	4.27	5,020.00	3.83	0.99	7.32	419.09	9.00	1,132.00	991.00	548.00
1706	Kot	DAUSA	Mahwa	Banganga	Banganga	MINOR	1950	27.185716	76.884155	99.97	1,280.00	2.59	2.58	2.87	287.87	12.00	8,200.00	619.00	209.00
1711	Paota	DAUSA	Mahwa	Banganga	Banganga	MINOR		26.953248	76.926774				2.02					482.00	
1712	Pavta	DAUSA	Mahwa	Banganga	Banganga	MINOR	NA	26.963997	76.928908	NA	318.00	0.80	0.79	NA	NA	Petakast	NA	146.00	Petakast
1717	Rondh	DAUSA	Mahwa	Banganga	Banganga	MINOR	NA	27.044933	76.972211	NA	2,678.00	1.00	3.82	NA	NA	Petakast	NA	500.00	Petakast
1692	Bhandari	DAUSA	Sikrai	Banganga	Banganga	MINOR	1952	26.903538	76.559383	7.00	2,290.00	4.56	4.56	NA	246.36	11.11	1,248.00	1,136.00	595.00

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1708	Moroli Bund	DAUSA	Sikrai	Banganga	Banganga	MINOR		26.764338	76.506910				0.91					95.00	
1709	Nahar Khora	DAUSA	Sikrai	Banganga	Banganga	MINOR	1878	26.890806	76.752558	NA	761.00	1.20	1.22	NA	92.07	Petakast	NA	263.00	Petakast
1864	Birasna	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	MINOR		27.005281	76.187087				4.20					995.60	
1920	Neemla	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	MINOR		27.094375	76.261873				0.28					60.00	
1923	Newar	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	MINOR		26.956184	76.116046				0.50					120.50	
1930	Raiwala	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	MINOR		27.093801	76.220682				1.27					402.00	
1939	Ramyawala	JAIPUR	Jamwa Ramgarh	Banganga	Banganga	MINOR		27.066683	76.258456				0.17					40.00	
2463	Singholao	KARAULI	Nadoti	Banganga	Banganga	MINOR		26.737882	76.509006				0.85					133.50	
2424	Anantpura	KARAULI	Todabhim	Banganga	Banganga	MINOR		26.957311	76.880827				0.38					73.00	
	Basin Total											**161.08**	**187.35**				**31,963.71**	**37,832.54**	**18,504.12**
1526	Chakan	BUNDI	Keshoraipatan	Chambal	Chakan	MINOR		25.796526	76.254274				10.11					1,958.00	
1537	Indrani	BUNDI	Keshoraipatan	Chambal	Chakan	MINOR	1984	25.713551	76.182461	9.80	1,661.60	5.57	5.04	172.00	374.97	13.02	866.00	824.00	832.00
2892	Pancholas	SAWAI MADHOPUR	Khandar	Chambal	Chakan	Minor	1956	25.848244	76.281693	8.33	3,784.00	5.77	5.77	NA	260.29	3.00	1,568.00	1,028.00	511.00
3022	Batawadi	TONK	Uniara	Chambal	Chakan	MINOR	1968	25.804765	76.070472	6.70	2,057.90	3.23	2.92	125.00	196.68	Canal 4.5 Minors 1.50	527.43	769.00	527.43
3091	Kumahriya	TONK	Uniara	Chambal	Chakan	MINOR		25.851811	76.130311	5.80	26.40	2.43	2.44	6.14	195.00		1,230.00	458.30	348.18
3183	Rizoda	TONK	Uniara	Chambal	Chakan	Minor		25.922017	76.226514	4.57	1,888.00	0.34	0.34	0.07	1,138.00	Small W.Course	111.33	80.94	48.58
3153	Seedanpur	TONK	Uniara	Chambal	Chakan	MINOR		25.794131	76.149637	6.90	3.29	6.28	5.92	12.29	283.00		1,121.00	1,081.00	728.74
3170	Thikria	TONK	Uniara	Chambal	Chakan	MINOR		25.798578	76.135856	5.70	1.32	3.25	3.68	8.84	5.00	4.80	314.00	755.00	310.12
	Sub Basin Total											**26.87**	**36.22**				**5,737.76**	**6,954.24**	**3,306.05**
1736	Kukpur Tank	DHAULPUR	Dhaulpur	Chambal	Chambal Downstream	MINOR		26.631723	77.798558				0.50					178.50	
1732	Deholi Tank	DHAULPUR	Rajakhera	Chambal	Chambal Downstream	MINOR		26.743574	78.052310				0.42					40.48	
1733	Dharapura Tank	DHAULPUR	Rajakhera	Chambal	Chambal Downstream	MINOR		26.764117	78.026374				0.84					212.55	
1740	Nekhra Tank	DHAULPUR	Rajakhera	Chambal	Chambal Downstream	MINOR		26.713394	77.966399	NA	550.00	0.88	0.74	NA	NA	Bed cultivation	242.80	52.60	36.80
1747	Rajakhera (Bajna)	DHAULPUR	Rajakhera	Chambal	Chambal Downstream	Minor		26.891498	78.168791				1.92					51.00	
2475	Mare ka Kunwa	KARAULI	Sapotra	Chambal	Chambal Downstream	Minor		26.357440	77.299146				1.12					159.81	
2449	Marona	KARAULI	Sapotra	Chambal	Chambal Downstream	MINOR		26.272320	77.231824				0.36					93.00	
2453	Needer	KARAULI	Sapotra	Chambal	Chambal Downstream	MINOR	-	26.319591	77.190071	17.00			8.82		7,219.00		1,120.00	1,088.00	4,443.00
2458	Rahar Banjara	KARAULI	Sapotra	Chambal	Chambal Downstream	MINOR		26.297721	77.263056				0.29					181.00	
2477	Ranipura	KARAULI	Sapotra	Chambal	Chambal Downstream	Minor		26.290946	77.247675				0.27					150.00	
2483	Jhalipura	KOTA	Ladpura	Chambal	Chambal Downstream	MINOR		25.182745	75.942962				2.81					402.00	
2485	Lakhawa	KOTA	Ladpura	Chambal	Chambal Downstream	MINOR	-	25.078884	75.842457		1,170.00	0.72	0.70	N.A.			N.A.	98.00	N.A.
2486	Ranpur	KOTA	Ladpura	Chambal	Chambal Downstream	MINOR	-	25.033426	75.825813		1,530.00	1.02	0.98	N.A.			N.A.	133.00	N.A.
2851	Deopura Tank	SAWAI MADHOPUR	Khandar	Chambal	Chambal Downstream	MINOR	1981	25.802401	76.346955	19.15	1,058.00	7.66	7.66	181.37	197.08	19.93	2,380.00	1,859.64	1,812.00
	Sub Basin Total											**10.28**	**27.43**				**3,742.80**	**4,699.58**	**6,291.80**
634	Anta Lift	BARAN	Antah	Chambal	Kali Sindh	MINOR		25.167540	76.300271	4.75	1,200.00	0.76	11.11	32.00	168.57	0.60 Km	202.43	1,587.00	103.23
644	Chhatrapura	BARAN	Antah	Chambal	Kali Sindh	MINOR		25.272396	76.370839				1.71					244.00	
659	Pachel Lift	BARAN	Antah	Chambal	Kali Sindh	MINOR		25.213471	76.403507				2.27					324.00	
669	Sorkhand Lift	BARAN	Antah	Chambal	Kali Sindh	MINOR		25.189346	76.400335				7.97					1,138.00	
632	Akawad Lift	BARAN	Atru	Chambal	Kali Sindh	MINOR	2005	24.660221	76.495490	3.50	530.00	4.08	0.53	Nil	14,400.00		-	494.00	395.00
2126	Ganeshpura	JHALAWAR	Jhalrapatan	Chambal	Kali Sindh	MINOR	1997-98	24.497704	76.411326	15.00	245.42	3.85	3.56		201.72		713.00	585.57	508.00
2120	Bilasra	JHALAWAR	Khanpur	Chambal	Kali Sindh	MINOR		24.817703	76.418852		1,646.00	0.73	0.73	N.A.			N.A.	69.00	103.00
2128	Harigarh	JHALAWAR	Khanpur	Chambal	Kali Sindh	MINOR	2005-06	24.703363	76.239102	8.70	746.00	1.26	1.01		296.50		264.00	246.15	244.00
2129	Jolpa	JHALAWAR	Khanpur	Chambal	Kali Sindh	MINOR		24.851601	76.360884		2,012.00	1.29	1.04	N.A.			N.A.	162.00	134.50
2135	Kanwarpura	JHALAWAR	Khanpur	Chambal	Kali Sindh	MINOR	2000-01	24.815293	76.382165				1.50					244.00	
2158	Sarola	JHALAWAR	Khanpur	Chambal	Kali Sindh	MINOR	1981-82	24.612059	76.411197	11.50	1,857.30	4.70	4.22		250.77		1,020.00	927.52	477.00
2162	Thikriya	JHALAWAR	Khanpur	Chambal	Kali Sindh	MINOR	2005-06	24.746871	76.361314	10.25	420.00	1.91	1.79		131.27		401.10	369.85	316.00
2484	Khati khera	KOTA	Sangod	Chambal	Kali Sindh	MINOR	-	25.062219	76.117385				0.99					71.00	
2479	Choma	KOTA	Sultanpura	Chambal	Kali Sindh	MINOR	-	25.090338	76.114329		928.00	0.78	0.70	N.A.			N.A.	106.00	N.A.
2480	Dahra	KOTA	Sultanpura	Chambal	Kali Sindh	MINOR		25.148329	76.087424	4.70	1,860.00	1.80	1.72	Nil	166.00	3.30 Km	333.00	306.00	316.00
2482	Girdhar pura	KOTA	Sultanpura	Chambal	Kali Sindh	MINOR	-	25.074895	76.124410				0.99					99.00	
	Sub Basin Total											**21.16**	**41.83**				**2,933.53**	**6,973.09**	**2,596.73**
636	Bagdev	BARAN	Shahbad	Chambal	Kunu	MINOR		25.196801	77.407211				1.31					258.00	
638	Bedara	BARAN	Shahbad	Chambal	Kunu	MINOR	2004	25.263471	77.179759		365.00	4.00	0.53	Nil	58.69		126.58	118.00	-
673	Chak Shahbad Lift	BARAN	Shahbad	Chambal	Kunu	Minor		25.246781	77.173556				2.23					462.00	
674	Khiriya	BARAN	Shahbad	Chambal	Kunu	MINOR		25.233760	77.367958	6.00	1,500.00	2.36	0.67	89.40	7.20		190.00	87.00	154.80
667	Sirsipura	BARAN	Shahbad	Chambal	Kunu	MINOR		25.275573	77.346422		1,311.00	1.45	1.27	N.A.			N.A.	182.00	N.A.
	Sub Basin Total											**7.81**	**6.01**				**316.58**	**1,107.00**	**154.80**
1118	Bijetha I	BHILWARA	Jahazpur	Chambal	Mej	MINOR		25.595068	75.385933				0.71					202.00	
1467	Bajrang Sagar Butti	BHILWARA	Mandalgarh	Chambal	Mej	Minor		25.122084	75.354986				0.13					41.00	
1314	Mandol	BHILWARA	Mandalgarh	Chambal	Mej	MINOR		25.170371	75.362100				5.12					902.00	
1541	Lamba Khoh	BUNDI	Bundi	Chambal	Mej	MINOR		25.175176	75.513641				0.23					40.00	
1554	Shambhupura	BUNDI	Bundi	Chambal	Mej	MINOR		25.448259	75.730812		1,890.00	2.65	2.63	N.A.			N.A.	93.00	N.A.
1521	Bankiya Khal	BUNDI	Hindoli	Chambal	Mej	MINOR	1986	25.542780	75.392355	7.60	400.20	2.19	2.89	121.18	15.62	3.66	497.34	402.00	377.86

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1527	Chanda KaTalab	BUNDI	Hindoli	Chambal	Mej	MINOR	1997	25.594333	75.423301	9.60	855.00	3.40	3.11	213.00	754.00	Canal 4.2 Minors 4.32	583.00	484.00	484.00
1535	Gudha Gopalpura	BUNDI	Hindoli	Chambal	Mej	MINOR		25.569246	75.402047		397.55	3.38	3.19	N.A.			N.A.	280.00	280.00
1536	Hindoli	BUNDI	Hindoli	Chambal	Mej	MINOR		25.595475	75.581757		N.A.	1.02	0.67	N.A.			N.A.	243.00	N.A.
1542	Mandi	BUNDI	Hindoli	Chambal	Mej	MINOR	1998	25.651847	75.583963	7.80	780.00	2.73	2.43	96.88	350.40	6.75	731.00	579.00	579.00
1565	Motipura	BUNDI	Hindoli	Chambal	Mej	Minor	1965	25.611985	75.469289	10.67	870.00	3.76	3.56	118.00	373.54	Canal 4.2 Minors 1.2	578.59	497.00	477.43
1563	Narain khera	BUNDI	Hindoli	Chambal	Mej	Minor		25.470684	75.498877				2.40					309.00	
1544	Narainpura	BUNDI	Hindoli	Chambal	Mej	MINOR	1996	25.457868	75.485122	16.60	285.00	2.40	2.15	39.00	296.59	3.81	392.68	387.00	352.50
1545	Net	BUNDI	Hindoli	Chambal	Mej	MINOR	-	25.555560	75.448188		N.A.	0.63	0.23	N.A.			N.A.	51.80	N.A.
1550	Ram Nagar	BUNDI	Hindoli	Chambal	Mej	MINOR	-	25.523611	75.568518		N.A.	0.80	0.75	N.A.			N.A.	40.00	N.A.
1552	Roonija	BUNDI	Hindoli	Chambal	Mej	MINOR	1965	25.723310	75.688854	11.50	317.00	5.23	5.00	NA	297.15	6.90	1,693.00	1,205.00	1,200.00
1553	Salwaliya	BUNDI	Hindoli	Chambal	Mej	MINOR		25.553964	75.426270		230.00	1.64	1.64	N.A.			N.A.	213.00	N.A.
1560	Bore ka khal	BUNDI	Keshoraipatan	Chambal	Mej	Minor		25.439474	76.040164		N.A.	0.20	0.26	N.A.			N.A.	40.00	N.A.
1519	Anna Purna	BUNDI	Nainwa	Chambal	Mej	MINOR		25.738188	75.734153				0.82					160.00	
1520	Bankiya ka Naya Gaon	BUNDI	Nainwa	Chambal	Mej	MINOR		25.675557	75.924815				0.65					180.00	
1522	Bansoli	BUNDI	Nainwa	Chambal	Mej	MINOR	1972	25.714460	75.984894	6.90	2,454.30	3.73	2.88	165.00	211.66	3.81	1,404.00	931.00	1,012.10
1529	Dei Ganga Sagar	BUNDI	Nainwa	Chambal	Mej	MINOR		25.698855	75.942355		1,780.00	1.29	1.21	N.A.			N.A.	203.00	N.A.
1530	Dhandun	BUNDI	Nainwa	Chambal	Mej	MINOR		25.653396	76.017783		645.00	0.99	1.61	N.A.			N.A.	228.00	N.A.
1561	Jet Sagar	BUNDI	Nainwa	Chambal	Mej	Minor	State Time	25.619421	75.976829	8.60	182.00	1.00	1.01	48.00	216.93			104.00	
1540	Khodi	BUNDI	Nainwa	Chambal	Mej	MINOR		25.758719	75.781670		762.00	1.05	1.00	N.A.			N.A.	192.00	N.A.
1562	Machhali	BUNDI	Nainwa	Chambal	Mej	Minor	2008	25.685231	76.035403	7.75	3,517.00	5.00	5.00	275.00	690.00	7.68	983.00	796.00	796.00
1564	Sheopur Mahadev	BUNDI	Nainwa	Chambal	Mej	Minor		25.652148	76.047399		N.A.	0.20	0.20	N.A.			N.A.	40.00	N.A.
1556	Talwas	BUNDI	Nainwa	Chambal	Mej	MINOR		25.621272	76.038666		640.00	0.95	1.57	N.A.			N.A.	222.00	N.A.
	Sub Basin Total											**44.24**	**53.05**				**6,862.61**	**9,064.80**	**5,558.89**
642	Budh Sagar	BARAN	Atru	Chambal	Parwati	MINOR		24.867882	76.674811		N.A.	0.88	0.88	N.A.			N.A.	130.00	N.A.
664	Ratanpura	BARAN	Atru	Chambal	Parwati	MINOR		24.888529	76.676573				0.52					105.00	
640	Bhatwara	BARAN	Baran	Chambal	Parwati	MINOR		25.104667	76.455488				1.44					207.00	
645	Daulat pura	BARAN	Baran	Chambal	Parwati	MINOR		25.046111	76.516667		1,800.00	1.00	1.00	N.A.			N.A.	190.00	N.A.
647	Haripura	BARAN	Baran	Chambal	Parwati	MINOR		25.094962	76.423590				0.84					120.00	
668	Sorkhand	BARAN	Baran	Chambal	Parwati	MINOR		25.162254	76.464141		1,290.00	1.28	1.28	N.A.			N.A.	240.00	N.A.
643	Chattarpura	BARAN	Kishanganj	Chambal	Parwati	MINOR	1984	24.910515	76.857671	6.80	3,360.00	3.26	5.74	-	285.26		1,108.00	1,012.00	940.00
646	Eklera Sagar	BARAN	Kishanganj	Chambal	Parwati	MINOR	-	25.136010	76.670816	6.18	2,396.00	6.16	9.74	-	255.16		2,070.00	1,858.00	1,719.00
652	Kalisot	BARAN	Kishanganj	Chambal	Parwati	MINOR	1978	25.002862	76.811122	7.78	1,687.00	2.50	7.02	-	206.02		915.00	875.00	810.00
657	Nahar Garh	BARAN	Kishanganj	Chambal	Parwati	MINOR	State time	24.935875	76.845514	4.94	1,080.00	1.80	2.23	Nil	49.00		434.00	319.00	230.00
660	Phaldi	BARAN	Kishanganj	Chambal	Parwati	MINOR		25.104710	76.648482		N.A.	0.42	0.35	N.A.			N.A.	51.00	N.A.
	Sub Basin Total											**17.30**	**31.04**				**4,527.00**	**5,107.00**	**3,699.00**
	Basin Total											**127.66**	**195.58**				**24,120.28**	**33,905.71**	**21,607.27**
1022	Bagera Bund	BHARATPUR	Bayana	Gambhir	Gambhir	Minor		26.908687	77.171114			0.48	0.48					105.26	
1023	Baisora	BHARATPUR	Bayana	Gambhir	Gambhir	Minor	1906	26.751482	77.438131	2.01	810.00	0.29	0.29	Nil	2,280.00	Nil	50.00	50.20	50.00
860	Bangarra	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1900	26.802358	77.424026	3.02	4,500.00	0.15	0.15	Nil	1,118.00	Nil	38.70	38.40	38.70
876	Bayara	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR		26.976713	77.234354				0.48					175.00	
867	Bhagaura Upper	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR		26.975374	77.249063	4.11	930.00	0.19	0.15	NA	32.50	Not Canal	NA	40.15	NA
872	Bhim Nagar	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1953	26.935492	77.289999	1.01	1,050.00	0.34	0.34	Nil	1,000.00	Nil	40.32	67.50	40.32
891	Damdama	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1899	26.932943	77.268786	2.49	1,050.00	0.74	0.74	Nil	2,240.00	Nil	129.03	129.00	129.03
894	Dehgaon	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1899	26.990782	77.283743	3.51	3,150.00	0.40	0.40	Nil	2,250.00	Nil	96.77	96.00	96.77
1030	Dundi	BHARATPUR	Bayana	Gambhir	Gambhir	Minor	1930	26.772522	77.370998	1.51	2,100.00	0.74	0.74	Nil	3,300.00	Nil	96.77	97.16	96.77
913	Jaisora	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1977	26.755645	77.420087	3.01	1,590.00	0.45	0.40	Nil	3,376.00	Nil	9.06	76.00	9.06
925	Kamal Hoze	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1900	26.917895	77.283657	3.49	300.00	0.43	0.40	NIL	800.00	3.51	68.55	69.00	68.55
1031	Kasba Bayana	BHARATPUR	Bayana	Gambhir	Gambhir	Minor	1900	26.935248	77.289983	1.75	600.00	0.43	0.21	NIL	440.00	NIL	NIL	48.58	NIL
934	Khatnawali	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1903	26.999708	77.255978	2.49	2,430.00	1.22	1.22	NIL	792.00	NIL	209.67	351.00	209.67
960	Nagla Chhitriya	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1910	26.982857	77.288960	3.75	2,622.00	0.58	0.58	NIL	6,280.00	NIL	2,120.96	21.10	2,120.96
961	Nagla Sher Singh	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1910	26.986530	77.262498	1.75	2,790.00	0.59	0.59	NIL	6,280.00	NIL	177.41	177.00	177.41
968	New Kani	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1906	26.773016	77.425043	1.81	1,230.00	0.31	0.31	NIL	1,683.00	NIL	32.25	32.00	32.25
973	Old Kani	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	-	26.763770	77.421938				0.40					76.00	
974	Old Kanwar	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1841	26.951035	77.265711	1.75	2,400.00	0.17	0.16	NIL	1,584.00	NIL	145.16	81.00	145.16
990	Richholi	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	State Time	27.002834	77.372580	2.47	5,730.00	2.04	2.03	2.88	792.00	NA	971.00	774.00	971.00
998	Samant garh	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1868	26.765405	77.455775	2.01	1,200.00	0.85	0.96	NIL	824.00	NIL	56.45	56.00	56.45
1038	Shergarh	BHARATPUR	Bayana	Gambhir	Gambhir	Minor	1912	26.881990	77.290345	1.51	2,145.00	0.25	0.02	NIL	792.00	NIL	80.64	32.38	80.64
1011	Sigarawali	BHARATPUR	Bayana	Gambhir	Gambhir	MINOR	1912	26.762306	77.435243	1.51	780.00	0.20	0.20	NIL	1,584.00	NIL	139.91	84.00	139.91
853	Barbar	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	State Time	27.010526	77.579489	4.11	1,150.00	0.30	0.08	NA	1,120.00	NA	340.00	18.20	340.00
864	Basai Bund	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	-	26.924817	77.509017	1.75	2,250.00	0.50	0.50	NIL	3,088.00	NIL	44.35	113.00	44.35
877	Binaua	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1900	26.993641	77.535991	1.45	2,340.00	0.30	0.30	NIL	1,584.00	NIL	88.71	56.00	88.71
879	Bokoli	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1910	27.009822	77.567746			1.64	1.64					148.00	
885	Chainkora	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1914	26.992245	77.641427	1.71	2,400.00	0.85	0.85	NIL	1,584.00	02.51 km	100.81	202.00	100.81
893	Daurda	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1897	27.000015	77.563147			0.17	0.17					38.00	
899	Dumriya	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1932	26.938605	77.415853	1.51	1,740.00	0.74	0.74	NIL	85.00	NIL	120.96	203.00	120.96

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
915	Jatmansi Bund	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1844	26.964058	77.530957	1.81	2,250.00	0.26	0.31	NIL	638.00	NIL	32.25	216.00	32.25
918	Jetroli Lower	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1910	26.975000	77.491667	1.69	1,350.00	0.18	0.18	NIL	220.00	NIL	48.38	216.00	48.38
919	Jetroli Upper	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1909	26.986009	77.484684	1.79	1,080.00	0.31	0.26	NIL	1,584.00	NIL	56.45	54.00	56.45
922	Kachha Bansi	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1933	26.949576	77.521290	1.79	1,230.00	0.26	0.26	NIL	6,281.00		80.64	101.00	80.64
927	Kanjar Baroli	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	State Time	26.989489	77.507996	6.70	1,920.00	0.31	1.00	NA	18,000.00	NA	648.00	307.00	648.00
928	Karai	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	-	26.995833	77.662500	1.82	270.00	1.52	1.75	NIL	452.00	NIL	1.19	169.00	1.19
930	Kasba Roopwas	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	-	27.004217	77.584696				0.30					60.00	
932	KhanSurjapur Upper	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	State Time	26.981899	77.635296	3.81	1,700.00	0.30	0.30	0.80	808.00	NA	324.00	81.00	324.00
1032	Khasurjapur Lower	BHARATPUR	Rupbas	Gambhir	Gambhir	Minor	1844	26.981097	77.636034	1.49	450.00	0.74	0.74	NIL	792.00	NIL	17.74	178.00	17.74
935	Kheda Jamadari	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1800	26.967248	77.436022	2.41	1,230.00	0.74	0.74	NIL	792.00	NIL	72.58	122.00	72.58
936	Kheda Rudawal	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1904	26.972250	77.420074	2.41	300.00	0.74	0.74	NIL	4,854.00	NIL	181.45	304.00	181.45
938	Kheria Lower	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR		26.971050	77.618814				0.26					68.00	
939	Kheria Upper	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR		26.964178	77.602027				0.26					135.00	
940	Kherli Bund	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1897	26.934110	77.570436	1.79	3,360.00	0.82	0.82	NIL	4,816.00	NIL	216.93	74.00	216.93
944	Kundanwara	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR		27.015541	77.561048				0.15					49.00	
945	Kurka	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	State Time	27.030666	77.414991	2.44	5,730.00	3.94	1.84	NA	583.00	1.00	567.00	566.80	567.00
949	Lakhanpura	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR		26.944210	77.458410				0.14					47.00	
951	Mahalpura Kachhi	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1907	27.008333	77.504167	2.75	1,350.00	2.46	2.46	NIL	6,272.00	NIL	181.45	54.00	181.45
953	Mertha	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	-	26.992227	77.705661	1.01	1,560.00	5.72	0.10	NIL	1,152.00	NIL	983.87	17.00	983.87
954	Moloni Lower	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1844	26.945283	77.584573	3.01	2,400.00	0.88	0.87	NIL	11,269.00	NIL	32.25	81.00	32.25
955	Moloni Upper	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR		26.929464	77.569229				0.10					74.00	
963	Nathpura Bund	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1911	26.949886	77.420931	1.75	2,190.00	1.31	0.04	NIL	792.00	NIL	32.25	32.00	32.25
972	Noharda	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1872	26.941503	77.557651	1.69	1,830.00	0.77	0.76	NIL	1,400.00	NIL	48.38	65.00	48.38
975	Ondel Jat	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1912	27.006663	77.536234	1.51	840.00	0.17	0.16	NIL	3,167.00	NIL	161.29	200.00	161.29
983	Pucca Bansi	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	-	26.956539	77.571932	1.72	240.00	0.20	0.20	NIL	1,283.00	NIL	60.48	60.00	60.48
987	Rajpura	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR		26.965184	77.478976				0.18					270.00	
991	Roondh Samari	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1844	26.953729	77.583399	2.01	1,500.00	3.11	0.31	NIL	2,376.00	NIL	80.64	108.00	80.64
1037	Sajeri Bund	BHARATPUR	Rupbas	Gambhir	Gambhir	Minor		26.937956	77.541140				0.48					105.26	
994	Sajjanbas	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1899	26.934091	77.580264	2.01	2,190.00	0.53	0.53	NIL	6,261.00	NIL	44.35	44.00	44.35
995	Sakkarpur	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1925	27.002116	77.673396	2.49	2,700.00	1.61	0.62	NIL	1,614.00	NIL	270.16	101.00	270.16
996	Samad Lower	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1900	26.977683	77.566571	1.75	1,500.00	8.49	0.09	NIL	4,290.00	NIL	56.45	56.00	56.45
997	Samad Upper	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	-	26.968271	77.560487	1.75	1,470.00	8.49	0.09	NIL	2,182.00	NIL	56.45	56.00	56.45
999	Samesara Lower	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	State Time	26.981258	77.653763	3.11	2,010.00	0.85	0.86	0.96	2,910.00	NA	534.00	201.00	534.00
1000	Samesara Upper	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1844	26.999252	77.638185	2.01	1,950.00	8.49	0.74	NIL	2,376.00	NIL	241.93	226.00	241.93
1013	Sirondh	BHARATPUR	Rupbas	Gambhir	Gambhir	MINOR	1890	26.987864	77.478546	2.01	1,200.00	0.42	0.43	NIL	1,584.00	NIL	32.25	32.00	32.25
1016	Ballabhgarh	BHARATPUR	Weir	Gambhir	Gambhir	MINOR		26.960730	77.086209			0.48	0.48					95.00	
1024	Bhagaura Upper	BHARATPUR	Weir	Gambhir	Gambhir	Minor		26.973061	77.197406			0.15	0.15					40.48	
903	Guthakar	BHARATPUR	Weir	Gambhir	Gambhir	MINOR	-	26.993230	77.239629				1.08					108.00	
926	Kanawar	BHARATPUR	Weir	Gambhir	Gambhir	MINOR	1900	26.956115	77.257081	2.51	2,550.00	0.42	0.42	Nil	980.00	Nil	145.16	243.00	145.16
1690	Bada Gaon Kheda	DAUSA	Mahwa	Gambhir	Gambhir	MINOR	1950	26.903719	76.990001	NA	91.00	2.20	2.20	NA	95.24	Petakast	NA	60.10	Petakast
1725	Kondra	DAUSA	Mahwa	Gambhir	Gambhir	NA	2007	26.942967	76.966344	6.70	1,410.00	0.59	1.17	0.51	124.12	0.38	172.77	167.00	144.00
1718	Samaspura	DAUSA	Mahwa	Gambhir	Gambhir	MINOR	1950	26.898638	77.057183	NA	1,065.00	0.90	0.88	NA	93.43	Petakast	NA	253.30	Petakast
1719	Sikandarpura	DAUSA	Mahwa	Gambhir	Gambhir	MINOR	1950	26.896504	77.023122	NA	289.00	1.20	1.22	NA	NA	Petakast	NA	289.10	Petakast
1721	Siswara	DAUSA	Mahwa	Gambhir	Gambhir	MINOR	1950	26.876669	77.047629	NA	912.00	2.70	2.72	NA	93.54	Petakast	NA	649.80	Petakast
1734	Dhaur Bund	DHAULPUR	Baseri	Gambhir	Gambhir	MINOR	1897	26.713201	77.444792	2.21	3,600.00	0.62	0.74	NIL	200.00	03.5 km	338.71	80.90	338.71
1755	Dhor Bund	DHAULPUR	Baseri	Gambhir	Gambhir	Minor		26.712232	77.444011	NA	200.00	0.89	0.89	NA	NA	1.50	NA	162.00	80.90
1752	Singhora	DHAULPUR	Dhaulpur	Gambhir	Gambhir	Minor		26.891682	77.816420	NA	200.00	0.05	0.05	NA	NA	Bed cultivation	NA	12.14	6.87
2438	Jalsen	KARAULI	Hindaun	Gambhir	Gambhir	MINOR		26.725000	77.037500				1.46					106.10	
2439	Jatwara	KARAULI	Hindaun	Gambhir	Gambhir	MINOR		26.712122	77.012554				0.57					182.20	
2444	Kyarda	KARAULI	Hindaun	Gambhir	Gambhir	MINOR		26.779648	77.020880				2.18					243.00	
2427	Bandhawa	KARAULI	Karauli	Gambhir	Gambhir	MINOR		26.592334	77.026854			2.59	2.39		NA		605.00	589.50	3,740.00
2472	Dafalpur	KARAULI	Karauli	Gambhir	Gambhir	Minor		26.483539	76.846270				0.22					8.00	
2447	Mamchari	KARAULI	Karauli	Gambhir	Gambhir	MINOR		26.434302	76.958241				4.11					963.60	
2433	Fateh Sagar	KARAULI	Nadoti	Gambhir	Gambhir	MINOR	-	26.712211	76.783088	23.38			3.64		13,140.00		1,306.00	518.20	
2435	Guman Sagar	KARAULI	Nadoti	Gambhir	Gambhir	MINOR		26.779514	76.647410				0.80					164.80	
2436	Hodaheli	KARAULI	Nadoti	Gambhir	Gambhir	MINOR		26.713272	76.740407				1.70					323.00	
2437	Jadolao	KARAULI	Nadoti	Gambhir	Gambhir	MINOR		26.786944	76.666131				0.45					40.50	
2451	Mohanpura (G.G.C.)	KARAULI	Nadoti	Gambhir	Gambhir	MINOR		26.774094	76.751532				4.00					1,012.10	
2476	Najimwala Kunjela	KARAULI	Nadoti	Gambhir	Gambhir	Minor		26.675486	76.797824				0.77					117.00	
2467	Naya Talab Kaima	KARAULI	Nadoti	Gambhir	Gambhir	Minor		26.664013	76.722908				1.70					127.00	
2454	New Tank Kema	KARAULI	Nadoti	Gambhir	Gambhir	MINOR		26.684623	76.741271				0.79					81.00	
2461	Ram Sagar	KARAULI	Nadoti	Gambhir	Gambhir	MINOR		26.627298	76.762205				1.43					117.00	
2462	Ronsi	KARAULI	Nadoti	Gambhir	Gambhir	MINOR		26.689694	76.850034				1.47					201.20	
2430	Bonl ~Sawai	KARAULI	Todabhim	Gambhir	Gambhir	MINOR		26.850027	76.918202				2.04					283.40	
2473	Dhawali	KARAULI	Todabhim	Gambhir	Gambhir	Minor		26.794019	76.749467				0.37					35.00	
2455	New Tank Maheshwa	KARAULI	Todabhim	Gambhir	Gambhir	MINOR	-	26.746388	76.795619				3.60		2,770.00		1,035.00	1,012.10	4,072.00

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2456	Old Tank Maheshwa	KARAULI	Todabhim	Gambhir	Gambhir	MINOR		26.758015	76.804771				0.99					236.80	
2459	Rajoli	KARAULI	Todabhim	Gambhir	Gambhir	MINOR		26.800043	76.780537				0.96					339.70	
2470	Vishan Samand	KARAULI	Todabhim	Gambhir	Gambhir	Minor		26.889247	76.944178				11.55					1,648.00	
2840	Bada Talab Najimwala	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR	State Time	26.533679	76.869657				0.57					72.00	
2842	Bajneka	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR		26.516420	76.852209	NA	731.00	0.12	0.12	NA	NA	Petakast	NA	20.30	NA
2862	Jhohariwala	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR		26.537359	76.826647			0.94	0.93					301.40	
2893	Khandeep	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	Minor	State Time	26.618109	76.893810	NA	NA	0.65	0.65	NA	NA	Petakast	NA	300.00	NA
2869	Naya Talab Sewa	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR	State Time	26.532902	76.831224			0.47	0.47					248.00	
2870	Naya Talab Syaroli	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR	State Time	26.542150	76.847001			0.58	0.58					222.60	
2874	Peedia Bandhli	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR	State Time	26.503954	76.845580			0.62	0.62					20.30	
2877	Ram Talab	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR	State Time	26.543258	76.830470			0.44	0.42					132.70	
2883	Telanwala	SAWAI MADHOPUR	Gangapur	Gambhir	Gambhir	MINOR	State Time	26.581996	76.898645			0.56	0.57					134.80	
	Basin Total											**86.09**	**98.70**				**13,822.92**	**19,947.11**	**18,747.92**
133	Dudaleshwer	AJMER	Jawaja	Luni	Bandi (Hemawas)	MINOR	State Time	25.709686	73.953283	NA	150.00	5.00	0.14	NA	991.00	0.62	34.00	33.59	20.00
327	Reachawa Talab	AJMER	Jawaja	Luni	Bandi (Hemawas)	MINOR		25.746262	73.990480				0.28					60.00	
2601	Baniawas	PALI	Marwar Junction	Luni	Bandi (Hemawas)	MINOR	State Time	25.774919	73.576954				7.84					1,462.00	
2605	Borinada	PALI	Marwar Junction	Luni	Bandi (Hemawas)	MINOR	State Time	25.701496	73.871632	2.25	4,026.00	1.72	1.72	NA	9,465.00	2.10	842.00	336.00	242.00
2695	Chirpatiya	PALI	Marwar Junction	Luni	Bandi (Hemawas)	Minor	2007-08	25.714378	73.696478	2.70	4,710.00	2.13	2.05	NA	19,500.00		1,828.00	1,502.00	405.00
2611	Dingor Bandh	PALI	Marwar Junction	Luni	Bandi (Hemawas)	MINOR		25.645396	73.821330				0.99					138.00	
2632	Kantaliya	PALI	Marwar Junction	Luni	Bandi (Hemawas)	MINOR	1988-89	25.746616	73.659050	7.00	572.00	5.34	5.18	NA	19,878.00	8.19	838.00	759.00	611.00
2657	Phulad	PALI	Marwar Junction	Luni	Bandi (Hemawas)	MINOR	1974-75	25.773687	73.821893	8.23	735.00	3.72	3.49	NA	20,894.00	5.19	879.00	810.00	498.00
2674	Saran	PALI	Marwar Junction	Luni	Bandi (Hemawas)	MINOR	1664-95	25.715055	73.832323	3.50	330.00	1.87	1.71	NA	3,980.00	3.60	524.00	347.00	263.00
2681	Siriyari	PALI	Marwar Junction	Luni	Bandi (Hemawas)	MINOR	1988-89	25.681356	73.822028	7.93	250.00	4.48	4.13	NA	11,433.00	7.44	805.00	780.00	591.00
2604	Bomadra Pickup weir	PALI	Pali	Luni	Bandi (Hemawas)	MINOR	State Time	25.766317	73.449233	1.92	5,029.00	1.27	1.27		1,811.20	Diversion Scheme		181.61	
2626	Jogawas-I	PALI	Pali	Luni	Bandi (Hemawas)	MINOR	State Time	25.768756	73.510456	2.28	1,213.00	3.36	2.27	NA	11,000.00	3.66	931.00	842.00	486.00
2627	Jogawas-II	PALI	Pali	Luni	Bandi (Hemawas)	MINOR	State Time	25.768756	73.510456	2.28	1,213.00	3.36	0.68	NA	11,000.00	3.66	931.00	97.24	486.00
2642	Lohriya	PALI	Pali	Luni	Bandi (Hemawas)	MINOR	State Time	25.783671	73.328816		3,350.00	1.23	1.23		31.13	0.15	159.00	138.00	121.00
2624	Hariomsagar	PALI	Rohat	Luni	Bandi (Hemawas)	MINOR	1980	25.883323	72.996608	16.11	1,630.00	1.34	1.33	NA	113.87	4,730.00	315.88	316.00	260.00
	Sub Basin Total											**34.82**	**34.32**				**8,086.88**	**7,802.44**	**3,983.00**
2269	Hariyada Anicut-I	JODHPUR	Bilara	Luni	Guhiya	MINOR		26.115160	73.470911				1.55					54.00	
2272	Holpur Anicut	JODHPUR	Bilara	Luni	Guhiya	MINOR		26.139464	73.465369				0.15					29.15	
2330	Padasala Tekri Anicut	JODHPUR	Bilara	Luni	Guhiya	MINOR		26.134841	73.554818				0.05					5.70	
2332	Parasala Khurd Anicut	JODHPUR	Bilara	Luni	Guhiya	MINOR		26.128407	73.528042				0.15					20.81	
2230	Bhatinda Malkosni Khadeen	JODHPUR	Luni	Luni	Guhiya	MINOR		26.067578	73.339852				0.09					18.00	
2599	Bamboli Bundh	PALI	Pali	Luni	Guhiya	MINOR		25.863426	73.375761				0.20					60.00	
2614	Gajnai	PALI	Pali	Luni	Guhiya	MINOR	1998-99	25.860864	73.396213	10.00	210.00	6.37	6.25	NA	46,000.00	15.62	1,418.00	1,290.00	897.00
2635	Khandi Bandh	PALI	Rohat	Luni	Guhiya	MINOR		25.936763	73.022336	3.70	1,965.00	0.45	0.45	-	90.28	-	140.00	140.00	121.00
2652	Mukund Sagar	PALI	Rohat	Luni	Guhiya	MINOR		25.918609	73.176861	5.80	216.38	39.08	1.11	250.00	4,705.00	3,150.00	176.13	176.00	116.96
2623	Hapat Bandh	PALI	Sojat	Luni	Guhiya	MINOR		26.099196	73.407586	0.76	2,220.00	0.39	0.39	NA	1,888.00		20.00	15.00	11.00
2645	Malpuriya Kanawas	PALI	Sojat	Luni	Guhiya	MINOR	1970-71	25.893684	73.470030	2.15	1,048.00	5.53	5.08	NA	15,050.00	2.72	892.00	877.00	621.00
	Sub Basin Total											**51.82**	**15.46**				**2,646.13**	**2,685.66**	**1,766.96**
821	Bhilon ki dhani (Bhagwa anicut)	BARMER	Siwana	Luni	Jawai	Minor		25.489925	72.459408	3.40	420.00	0.20	0.20	-	32.32	-	25.50	25.50	25.50
804	Talwarwala Khadeen I (Chuli)	BARMER	Siwana	Luni	Jawai	MINOR		25.455147	72.403179	2.85	673.00	0.12	0.12	-	44.13	-	32.00	32.00	32.00
1981	Budira bund	JALORE	Ahore	Luni	Jawai	MINOR		25.308333	72.800000				0.20					66.23	
1983	Chavarcha Bund -I	JALORE	Ahore	Luni	Jawai	MINOR	1970	25.290601	72.820987	4.69	62.59	7.92	7.85	10.32	335.00		1,975.00	496.50	205.30
1984	Chawarcha bund II	JALORE	Ahore	Luni	Jawai	MINOR		25.285892	72.822702	4.71 M	2215 M	0.15	0.15	-	9.63	-	45.35	45.35	45.35
2109	Kaniwara khadeen	JALORE	Jalore	Luni	Jawai	Minor		25.339220	72.709890				0.21					56.00	
2113	Katkeshwar anicut	JALORE	Jalore	Luni	Jawai	Minor		25.282515	72.693153	5.10 M	1545 M	0.37	0.37	-	69.73	-	-	57.48	7.00
2038	Meda Uperia bund	JALORE	Jalore	Luni	Jawai	MINOR		25.312340	72.738361	6.32 M	1950 M	0.71	0.70	-	134.00	1.92	303.54	50.00	126.00
2057	Rajanwari bund	JALORE	Jalore	Luni	Jawai	MINOR		25.303052	72.706093	4.74 M	1020 M	0.15	0.14	-	57.05	-	-	59.00	41.00
2071	Samuja Khadeen	JALORE	Jalore	Luni	Jawai	MINOR		25.385987	72.742721	2.57 M	510 M	0.19	0.12	-	62.37	-	-	27.00	8.00
1986	Chipparwara bund	JALORE	Sayla	Luni	Jawai	MINOR		25.344135	72.360530	5.86 M	1461 M	0.28	0.24	-	90.72	-	53.23	51.95	36.35
2025	Kollar budn	JALORE	Sayla	Luni	Jawai	MINOR		25.372629	72.563189	7.70 M	690 M	0.60	0.53	-	85.00	0.96	214.48	53.00	99.00
2042	Narsana Tank	JALORE	Sayla	Luni	Jawai	MINOR		25.465339	72.580189	4.42	600.00	0.16	0.16	-	72.10	-	46.00	46.00	46.00
2076	Sardar garh bund	JALORE	Sayla	Luni	Jawai	MINOR	1975	25.324296	72.428059	6.73	2,290.00	3.19	3.05	3.78	347.00			821.00	821.00
2078	Sarpatia tank	JALORE	Sayla	Luni	Jawai	MINOR		25.414919	72.483031	5.91	1,080.00	0.26	0.26	-	33.96	135 m.	24.00	24.00	24.00
2097	Torwara bund	JALORE	Sayla	Luni	Jawai	MINOR		25.402374	72.570530	21.00 FT	1065 FT.	0.43	0.39	-	153.22	-	-	44.53	-
2690	Bisalpur	PALI	Bali	Luni	Jawai	Minor	1992-93	25.118959	73.182253				0.51					72.50	
2662	Raghunath II	PALI	Bali	Luni	Jawai	MINOR		25.048241	73.128208	7.80	167.00	0.39	0.39	NA	61.35	1,020.00	75.80	62.00	49.50
2663	Raghunathpura I	PALI	Bali	Luni	Jawai	MINOR		25.039733	73.112721	7.30	335.00	0.45	0.45	NA	76.36	1,050.00	103.00	92.00	64.00
2689	Balwana	PALI	Sumerpur	Luni	Jawai	Minor	1988	25.106275	73.160035	11.42	1,882.72	0.59	0.53		82.70	570 mt		75.22	
2603	Bharunda	PALI	Sumerpur	Luni	Jawai	MINOR		25.196331	73.011915	7.01	3,135.00	12.05	0.34	170.00	1,520.00	-	54.63	55.00	45.73
2615	Galdera Bundh	PALI	Sumerpur	Luni	Jawai	MINOR	1984	25.214137	73.070566	6.39	4,002.00	0.97	0.98		134.69	600M		139.71	
2655	Palri Khera/Puleri Kheda	PALI	Sumerpur	Luni	Jawai	MINOR		25.122952	73.009369	8.00	813.72	1.01	1.07	0.33	4,000.00	5.70	443.72	218.29	152.63
2700	Palri(M)	PALI	Sumerpur	Luni	Jawai	Minor		25.127098	73.012798	6.10	488.00	30.10	0.77	210.00	6,816.00	148 CH	122.37	107.69	88.63
2947	Badgaon	SIROHI	Sheoganj	Luni	Jawai	MINOR		25.108710	73.076156	3.70	1,350.00	1.40	1.40	180.00	258.80	2,500.00	148.58	148.58	126.30

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2957	Dhurbana	SIROHI	Sheoganj	Luni	Jawai	MINOR		25.050534	73.052190	9.71	1,255.00	26.76	0.76	190.00	3,024.00	3,000.00	153.79	148.00	65.56
2961	Godana bundh	SIROHI	Sheoganj	Luni	Jawai	MINOR		25.042504	73.046204				1.73					300.00	
2962	Godana Dhurbana	SIROHI	Sheoganj	Luni	Jawai	MINOR		25.042192	73.046193				0.21					38.00	
2973	Krishna Sagar	SIROHI	Sheoganj	Luni	Jawai	MINOR		25.077346	73.105029	4.42	2,075.00	9.75	0.28	190.00	1,545.00	1,000.00	41.28	40.47	40.47
3005	Sukri Innundation	SIROHI	Sheoganj	Luni	Jawai	Minor	1996	25.115716	72.967880				0.07					1,620.00	
	Sub Basin Total											**98.19**	**24.17**				**3,862.27**	**5,073.00**	**2,149.32**
2237	Bhudana Bandh	JODHPUR	Bhopalgarh	Luni	Jojri	MINOR		26.500370	73.503152				0.10					14.52	
2384	Chand Nadi Anicut	JODHPUR	Bhopalgarh	Luni	Jojri	Minor		26.368266	73.397687				0.09					17.00	
2298	Kura Bandh	JODHPUR	Bhopalgarh	Luni	Jojri	MINOR		26.330331	73.375717				0.38					120.00	
2311	Mallar Anicut	JODHPUR	Bhopalgarh	Luni	Jojri	MINOR		26.479079	73.485530				0.08					11.00	
2334	Patel Nagar Bandh-II	JODHPUR	Bilara	Luni	Jojri	MINOR		26.416933	73.846853				0.14					32.39	
2409	Patel Nagar bundh	JODHPUR	Bilara	Luni	Jojri	Minor		26.428785	73.835809				0.05					7.85	
2337	Piplia Bandh	JODHPUR	Bilara	Luni	Jojri	MINOR		26.454213	73.810625				0.51					120.00	
2226	Bhagtashni Anicut	JODHPUR	Luni	Luni	Jojri	MINOR		26.178295	73.186547				0.26					26.00	
2358	Sirviyo Wala Khadeen	JODHPUR	Luni	Luni	Jojri	MINOR		26.185494	73.275819				0.17					24.28	
2422	Bisalpur Bundh	JODHPUR	Mandor	Luni	Jojri	Minor		26.232203	73.295371				5.82					1,145.00	
2300	Kurnda Anicut	JODHPUR	Mandor	Luni	Jojri	MINOR		26.349110	73.320297				0.13					18.00	
2490	Baman Bund	NAGAUR	Degana	Luni	Jojri	MINOR		26.960266	74.240575				0.06					8.80	
2491	Baman deva bund	NAGAUR	Degana	Luni	Jojri	MINOR		27.018899	74.267213				0.05					10.32	
2587	Harsore Bund	NAGAUR	Degana	Luni	Jojri	Minor		26.731355	74.468341	4.57	762.00	2.52	2.52	1.03	1,668.98	5.79	526.11	474.71	343.99
2550	Pachranda Bund-I	NAGAUR	Degana	Luni	Jojri	MINOR		26.708304	74.376581				0.18					13.31	
2551	Pachranda Bund-II	NAGAUR	Degana	Luni	Jojri	MINOR		26.705420	74.368964				0.18					20.30	
2558	Pratapsagar Bund	NAGAUR	Degana	Luni	Jojri	MINOR		26.650367	74.295464				0.21					42.89	
2561	Rajlota Bund	NAGAUR	Degana	Luni	Jojri	MINOR		26.751903	74.429122				0.46					30.13	
2570	Thatarapat	NAGAUR	Degana	Luni	Jojri	MINOR		26.699294	74.461324				0.15					21.46	
2505	Biloo Band-I	NAGAUR	Makrana	Luni	Jojri	MINOR		26.954501	74.644102				0.40					59.73	
2506	Biloo Band-II	NAGAUR	Makrana	Luni	Jojri	MINOR		26.946518	74.660621				0.27					18.35	
2510	Chipolai Bund	NAGAUR	Makrana	Luni	Jojri	MINOR		27.084522	74.769252				0.08					13.36	
2519	Dodiyana Bund	NAGAUR	Makrana	Luni	Jojri	MINOR		26.993965	74.641804	8.73	1,167.38	1.08	0.95		163.68	-	163.90	65.56	75.27
2541	Legokidhani	NAGAUR	Makrana	Luni	Jojri	MINOR		26.951528	74.568630				0.06					8.15	
2589	Mata ji ka Bala IInd	NAGAUR	Makrana	Luni	Jojri	Minor		26.927557	74.446032				0.29					119.83	
2578	Mata ji ka Bala Ist	NAGAUR	Makrana	Luni	Jojri	Minor		26.937121	74.404198				0.37					196.20	
2545	Mataji ka Bala bund	NAGAUR	Makrana	Luni	Jojri	MINOR		26.938873	74.392638				0.37					291.38	
2495	Basni Bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.610490	73.818389				0.46					16.19	
2496	Bayar bund -I	NAGAUR	Merta	Luni	Jojri	MINOR		26.547239	73.920230				0.36					39.25	
2497	Bayar bund -II	NAGAUR	Merta	Luni	Jojri	MINOR		26.524117	73.923293				0.34					40.68	
2507	Bithan Band	NAGAUR	Merta	Luni	Jojri	MINOR		26.500909	73.837777				0.29					32.70	Luni
2581	Dabariyani	NAGAUR	Merta	Luni	Jojri	Minor		26.763474	74.044387				0.22					102.38	
2515	Dhadhasni bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.593724	73.898947				0.22					16.51	
2516	Dhanapa Bund-I	NAGAUR	Merta	Luni	Jojri	MINOR		26.554148	73.735944				0.35					79.97	
2517	Dhanapa Bund-II	NAGAUR	Merta	Luni	Jojri	MINOR		26.541630	73.775164				0.06					9.78	
2521	Gangrana bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.570139	73.905580				2.14					771.20	
2525	Harsolav	NAGAUR	Merta	Luni	Jojri	MINOR		26.659535	73.699510				0.10					6.60	
2530	Kalru bund	NAGAUR	Merta	Luni	Jojri	MINOR	1982-83	26.731250	73.978933	4.45	539.50	1.48	1.31	2.98	33.75		40.47	343.85	38.98
2535	Kheduli bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.735578	74.009954				0.36					60.25	
2536	Kundal Bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.639295	74.032900				0.35					20.10	
2542	Maliyon ka Dhora Bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.671361	73.945606	2.89	1,228.00	0.32	0.31		74.28	-	205.99	58.66	86.96
2546	Mokal Ghati Bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.632076	73.941675				0.24					46.54	
2547	Mokala bund-I	NAGAUR	Merta	Luni	Jojri	MINOR		26.613482	73.919063				0.46					61.42	
2582	Mokala II	NAGAUR	Merta	Luni	Jojri	Minor	1995-96	26.614602	73.919517	4.65	1,350.00	0.72	0.94	0.98	167.65		332.26	386.22	269.12
2559	Pundloo bund	NAGAUR	Merta	Luni	Jojri	MINOR	1972-73	26.509056	73.818081	9.00	280.00	2.71	1.79	1.62	30.28		60.20	624.40	41.68
2566	Satlas Bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.585742	73.865903				0.16					73.98	
2567	Sekhasni Bund	NAGAUR	Merta	Luni	Jojri	MINOR		26.572416	73.932545				0.11					14.44	
2583	Bajwas tank	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.715607	74.599550				0.03					15.00	
2591	Banser	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.637338	74.615764				0.34					149.33	
2493	Banwal Bund-II	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.618321	74.660475				0.34					115.00	
2498	Bhadasni Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.676583	74.664107				0.15					14.57	
2499	Bhadasni Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.676726	74.666128				1.43					60.43	
2584	Bhadiasiya	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.666668	74.666519	7.82	2,895.56	1.45	1.44		127.35	-	2,776.24	237.56	165.52
2500	Bhadwa Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.876548	74.612093	3.00	905.26	1.22	1.20		115.75	2.13	150.58	81.00	81.00
2585	Bhakari	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.772364	74.512065	6.10	2,072.52	9.27	8.09	5,528.62	868.81	13.07	-	1,927.18	-
2503	Bidiyad Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.973159	74.687173				0.21					35.54	
2513	Dansriya Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.927673	74.689621	8.22	2,156.15	0.83	0.50		273.00	2.58	145.28	86.60	86.60
2523	Gullar Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.856082	74.506992				0.16					28.16	
2524	Harika Naka Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.919857	74.530272				0.37					68.27	
2574	Jhalra	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.794931	74.690033				2.93					377.58	
2575	Jun ki Ghati	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.918629	74.560117				0.77					125.46	

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2528	Kaleda Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.699193	74.677470				0.28					14.18	
2529	Kaletra Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.688720	74.675106				0.28					25.40	
2588	Khokhriya	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.673294	74.593578				0.51					185.00	
2537	Kundri Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.641672	74.566368				0.64					59.73	
2579	Nahri ka Naka	NAGAUR	Parbatsar	Luni	Jojri	Minor		26.793604	74.511746				0.37					168.71	
2553	Paldi Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.753130	74.568284				0.18					160.00	
2554	Palrikarwa Bund	NAGAUR	Parbatsar	Luni	Jojri	MINOR		26.752715	74.592257				0.18					28.12	
2539	Lampabi Band	NAGAUR	Riyan	Luni	Jojri	MINOR		26.636921	74.195685				0.06					48.16	
2540	Lampolai Bund	NAGAUR	Riyan	Luni	Jojri	MINOR		26.638864	74.177136				0.19					48.16	
2580	Sathana	NAGAUR	Riyan	Luni	Jojri	Minor		26.579693	74.287989				0.69					90.00	
	Sub Basin Total											**21.58**	**46.21**				**4,401.03**	**9,884.78**	**1,189.12**
1978	Bibasar Tanl	JALORE	Jalore	Luni	Khari	MINOR		25.100509	72.597151				1.08					78.50	
1980	Bletala bund	JALORE	Jalore	Luni	Khari	MINOR		25.197989	72.714846	7.465 M	390 M	0.26	0.23	-	63.84	-	-	22.66	22.66
1990	Devada bund	JALORE	Jalore	Luni	Khari	MINOR		25.200039	72.635830	6.03 M	1620 M	0.42	0.37	-	80.65	0.57	94.04	87.44	52.47
1991	Devara bund	JALORE	Jalore	Luni	Khari	MINOR		25.087438	72.634208	5.72	870.00	0.23	0.19	-	71.26	-		54.00	54.00
1993	Dhawala Anicut	JALORE	Jalore	Luni	Khari	MINOR		25.145643	72.653643	4.44 M	390 M	0.16	0.16	-	32.54	-	-	28.50	-
1996	Dudsi bund	JALORE	Jalore	Luni	Khari	MINOR		25.194394	72.671994	6.77 M	1645 M	0.47	0.42	-	81.78	-	-	140.00	-
2112	Jagnathji bund	JALORE	Jalore	Luni	Khari	Minor		25.235910	72.670225				0.37					30.00	
2064	Ranap Anicut	JALORE	Jalore	Luni	Khari	MINOR		25.208833	72.748846	3.66 M	1690 M	0.20	0.20	-	50.23	-	-	24.12	24.12
2114	Raniwara bund	JALORE	Jalore	Luni	Khari	Minor		25.211938	72.454097		3497 ft.	0.40	0.40	-	67.92			57.00	57.00
2079	Sawana Khadeen	JALORE	Jalore	Luni	Khari	MINOR		25.054780	72.650365	3.14 M	1417 M	0.10	0.10	-	32.88	-	-	22.00	22.00
2082	Siyana Anicut	JALORE	Jalore	Luni	Khari	MINOR		25.097398	72.670411	4.35 M	1290 M	0.22	0.22	-	43.86	-	-	38.50	31.14 Bed
2083	Siyana Khadeen	JALORE	Jalore	Luni	Khari	MINOR		25.115194	72.673789	2.34 M	810 M	0.30	0.18	-	33.96	-	-	25.00	45.00
1971	Basla Dhanji bund	JALORE	Jaswantpura	Luni	Khari	MINOR		25.144978	72.467350	10.72	2,275.00	0.37	0.33	-	145.71	-		75.27	75.27
1975	Betalana Tank	JALORE	Jaswantpura	Luni	Khari	MINOR		24.939252	72.525663			0.32	0.25	-		-		57.00	57.00
1979	Bithan bund	JALORE	Jaswantpura	Luni	Khari	MINOR	1963	24.947181	72.557373	12.19	575.61	6.39	6.03	9.40	353.75	2.66		752.30	743.60
2041	Mudtarasily Tank	JALORE	Jaswantpura	Luni	Khari	MINOR		25.016110	72.484252	4.50	3504.0 ft	0.73	0.73	-	80.08	-		80.56	56.40
2046	Padra tank	JALORE	Jaswantpura	Luni	Khari	MINOR		24.985183	72.598338	3.82	1,680.00	0.23	0.16	-	57.66		46.00	45.60	44.80
2053	Punak kalla I bund	JALORE	Jaswantpura	Luni	Khari	MINOR		25.001043	72.608173	5.25	1,560.00	0.37	0.33	-	34.90	705.00	80.90	45.30	34.00
2054	Punak kalla II bund	JALORE	Jaswantpura	Luni	Khari	MINOR		24.978955	72.596064	7.50 ft.	1,410.00	0.37	0.33	-	84.98	705.00	105.00	60.00	44.53
2093	Tarwania Bund	JALORE	Jaswantpura	Luni	Khari	MINOR		24.946541	72.546428	21.00 ft.	1450 ft	0.38	0.38	-	47.54	2450 ft.	38.44	26.25	22.25
1962	Alason bund	JALORE	Sayla	Luni	Khari	MINOR		25.321631	72.450339	5.82 M	1210 M	0.42	0.20	-	89.48	-	-	113.00	36.13 bed
1964	Bakra Khadeen	JALORE	Sayla	Luni	Khari	MINOR		25.252348	72.452209	2.25 M	1560 M	0.06	0.06	-	33.96	-	-	24.90	24.90
1988	Dakatra bund	JALORE	Sayla	Luni	Khari	MINOR		25.251789	72.500121	3.10 M	1680 M	0.09	0.09	-	57.93	-	30.00	25.00	25.00
2013	Kallapura bund	JALORE	Sayla	Luni	Khari	MINOR	1975	25.251225	72.536664	7.01	99.39	3.34	3.11	2.23	392.23			456.00	326.00
2944	Akhelao	SIROHI	Sheoganj	Luni	Khari	MINOR		25.040992	72.775707	7.62	137.85	1.78	0.85	1.27	202.09	1.80	380.57	328.00	204.05
2967	Kailash Nagar Dam	SIROHI	Sheoganj	Luni	Khari	MINOR		25.103662	72.827208				1.85					374.00	
2950	Barloot	SIROHI	Sirohi	Luni	Khari	MINOR	2008-09	24.883961	72.712541	10.61	2,730.00	1.53	1.39	0.57	9,744.00	3.25	660.97	637.00	297.63
2956	Dhanta	SIROHI	Sirohi	Luni	Khari	MINOR	1962	24.802587	72.843645	13.72	581.09	7.84	7.65	1.93	11,513.00	6.10	1,156.62	1,047.00	762.04
2963	Jawal	SIROHI	Sirohi	Luni	Khari	MINOR		24.989731	72.756298	6.17	2,080.00	0.43	0.43	0.25	2,112.00	0.30	108.50	87.45	70.04
2969	Kameri	SIROHI	Sirohi	Luni	Khari	MINOR	1989	24.930453	72.797438	12.10	2,777.00	7.74	4.18	0.51	56,239.00	5.40	985.43	739.00	738.51
2980	Mandowari Bund	SIROHI	Sirohi	Luni	Khari	MINOR		25.006458	72.700327	3.35	2,052.00	0.87	0.71		74.99	-	205.00	68.79	136.00
2982	Mansarowar	SIROHI	Sirohi	Luni	Khari	MINOR	State Time	24.881379	72.889428	7.62	138.07	0.67	0.67			1.62	380.57	95.81	204.05
3007	Nawara	SIROHI	Sirohi	Luni	Khari	Minor	2010	24.979642	72.644888	7.68	1,950.00	0.52	0.48	0.40	5,333.00	1.30	128.85	117.11	117.00
2989	Phacharia	SIROHI	Sirohi	Luni	Khari	MINOR		24.877066	72.629191				1.76					278.00	
2990	Poidra	SIROHI	Sirohi	Luni	Khari	MINOR	1965	24.935778	72.620214	10.41	902.40	3.97	3.42	3.23	10,704.00	5.22	733.31	944.00	385.27
2996	Tawari	SIROHI	Sirohi	Luni	Khari	MINOR		24.880519	72.603619				0.28					51.00	
3002	Varal	SIROHI	Sirohi	Luni	Khari	MINOR	2005	24.883859	72.709045	11.39	1,716.00	1.68	1.56	0.69	184.00	3.00	409.00	296.00	222.18
	Sub Basin Total											**42.84**	**41.12**				**5,543.20**	**7,432.06**	**4,867.77**
820	Bajna bund	BARMER	Balotra	Luni	Luni	Minor		25.811499	71.999804	3.00	1,265.00	0.69	0.69	-		-	130.00	130.00	130.00
687	Balujati Khadeen	BARMER	Balotra	Luni	Luni	MINOR		26.281578	72.471099	3.70	420.00	0.61	0.61	-	133.91	-	39.67	39.67	39.67
695	Bhimarlai Khadeen	BARMER	Balotra	Luni	Luni	MINOR		25.818236	71.990250	3.40	1,020.00	0.10	0.10	-	28.85	-	21.00	21.00	21.00
699	Budiwala Khadeen	BARMER	Balotra	Luni	Luni	MINOR		25.692992	72.205451	4.50	1,038.00	0.12	0.12	-	109.31	-	50.20	50.20	50.20
701	chandra bund	BARMER	Balotra	Luni	Luni	MINOR		26.114932	72.573191	5.70	320.00	0.68	0.68	-	106.25	-	-	80.15	80.15
733	Jadisar Khadeen	BARMER	Balotra	Luni	Luni	MINOR		25.953315	72.380992	3.30	1,098.00	0.21	0.21	-	51.77	-	83.80	83.80	83.80
741	Jhadu Charna Anicut	BARMER	Balotra	Luni	Luni	MINOR		26.182496	72.473214				0.68					17.00	
829	Mandali bundh	BARMER	Balotra	Luni	Luni	Minor		26.147853	72.514795	4.50	980.00	0.23	0.23	-	34.24	-	26.72	26.72	26.72
767	Mekharna Khadeen	BARMER	Balotra	Luni	Luni	MINOR		25.840983	72.026130	3.50	1,340.00	0.06	0.06	-	16.97	-	24.00	24.00	24.00
768	Meli bund	BARMER	Balotra	Luni	Luni	MINOR	State time	25.687571	72.139684	7.50	528.50	4.57	4.57	2.83	20.91	4.90	680.00	545.35	408.75
785	Ragawas Khadeen	BARMER	Balotra	Luni	Luni	MINOR		26.183475	72.489389				0.20					26.00	
794	Sarnau kitnod khadeen	BARMER	Balotra	Luni	Luni	MINOR		25.813259	72.348593	3.75	2,022.00	0.32	0.32	-	52.28	-	27.93	27.97	27.93
798	Sinli Khadeen	BARMER	Balotra	Luni	Luni	MINOR		25.756326	72.035099	3.30	1,740.00	0.23	0.23	-	67.89	-	34.00	34.00	34.00
809	Telwara bundh	BARMER	Balotra	Luni	Luni	MINOR		25.901546	72.097012	5.00	525.00	0.35	0.35	-	-	-	69.23	69.23	69.23
810	Thathariya Bandh	BARMER	Balotra	Luni	Luni	MINOR		26.179333	72.564329				0.27					80.00	
811	Thumbli bund	BARMER	Balotra	Luni	Luni	MINOR		26.211729	72.480393	2.33	909.00	0.04	0.04	-	103.00	-	35.00	35.00	35.00
812	Tilwara Khadeen	BARMER	Balotra	Luni	Luni	MINOR		25.864955	72.094517			0.06	0.06					18.00	
839	Trisangari kn. I	BARMER	Balotra	Luni	Luni	Minor		26.076317	72.437559	3.14	2,250.00	0.13	0.13	-	58.05	-	40.08	40.08	40.08

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
840	Trisangari kn. II	BARMER	Balotra	Luni	Luni	Minor		26.081974	72.436099	3.70	750.00	0.23	0.23	-	19.23	-	39.67	39.67	39.67
816	Varia Khadeen (Tapra)	BARMER	Balotra	Luni	Luni	MINOR		25.722899	72.144926	3.60	1,200.00	0.17	0.17	-	45.82	-	20.00	20.00	20.00
841	Varia anicut	BARMER	Balotra	Luni	Luni	Minor		25.791356	72.106654	8.50	295.00	0.00	0.18	-	16.97	-		20.00	
678	Agroe Magrewala Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.790985	71.385979	3.60	1,206.00	0.08	0.08	-	38.19	-	26.30	26.30	26.30
819	Ati bund	BARMER	Barmer	Luni	Luni	Minor		25.666323	71.332836	5.20	475.00	0.31	0.31	-	141.01	-	112.10	112.10	112.10
681	Bagjiwala Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.833188	71.408210	2.75	1,575.00	0.08	0.08	-	84.33	-	7.70	7.70	7.70
682	Baisala Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.895209	71.264197	2.45	516.00	0.08	0.08	-	84.61	-	39.70	39.70	39.70
684	Balera bund	BARMER	Barmer	Luni	Luni	MINOR		25.623628	71.289279	5.20	1,400.00	0.46	0.46	-	283.16	-	115.00	115.00	115.00
685	Balera Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.625420	71.296187	2.70	428.00	0.06	0.06	-	40.72	-	17.00	17.00	17.00
686	Balera Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.629973	71.287032	3.39	1,066.00	0.13	0.13	-	50.80	-	-	10.00	10.00
706	Chuli anicut	BARMER	Barmer	Luni	Luni	MINOR		25.808834	71.348479	5.20	150.00	0.03	0.03	-	14.15	-	10.50	10.50	10.50
707	Chuli Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.818677	71.365039	3.00	1,237.00	0.06	0.06	-	42.40	-	7.60	7.60	7.60
708	Chuli Magrewala Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.825339	71.355799	2.49	1,860.00	0.09	0.09	-	49.80	-	8.00	8.00	8.00
720	Gehku Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.764634	71.378244	3.65	805.00	0.11	0.11	-	48.22	-	23.00	23.00	23.00
736	Jalipa Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.827610	71.392916	3.30	567.00	0.10	0.10	-	72.19	-	30.35	30.35	30.35
737	Jana Patrasar Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.640081	71.252569			0.10	0.10					8.00	
738	Jasai Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.716818	71.238877	3.80	337.00	0.07	0.07	-	47.68	-	-	8.70	8.70
743	Joshiyawala Kn.	BARMER	Barmer	Luni	Luni	MINOR		25.501791	71.397871	3.50	990.00	0.07	0.07	-	16.97	-	18.20	18.20	18.20
745	Kaliyar Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.916957	71.314398	71 19 00	608.00	0.12	0.12	-	31.11	-	40.10	40.10	40.10
761	Lunu bundh	BARMER	Barmer	Luni	Luni	MINOR		25.800721	71.310650	3.80	910.00	0.12	0.12	-	128.70	-	59.00	59.00	59.00
769	Mithri Khadeen Jasai	BARMER	Barmer	Luni	Luni	MINOR		25.642498	71.166206	4.40	540.00	0.08	0.08	-	59.98	-	13.40	13.40	13.40
786	Ramalwala Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.708197	71.315714	2.50	451.00	0.16	0.16	-	43.44	-	-	14.60	14.60
787	Ramderia Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.543441	71.346199	5.50	7.25	0.03	0.03	-	58.01	-	27.00	27.00	27.00
789	Ranigaon Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.586725	71.314175	3.40	630.00	0.08	0.08	-	65.10	-	9.80	9.80	9.80
837	Talarwala khadeen (Sonri)	BARMER	Barmer	Luni	Luni	Minor		25.945358	71.292408	2.05	870.00	0.10	0.10	-	52.35	-	7.10	7.10	7.10
806	Tarata Anicut	BARMER	Barmer	Luni	Luni	MINOR		25.550102	71.261747	4.00	125.00	0.07	0.07	-	31.69	-	11.20	11.20	11.20
807	Taratra Bund	BARMER	Barmer	Luni	Luni	MINOR		25.538690	71.259143	4.00	777.00	0.10	0.10	-	74.75	-	24.10	24.10	24.10
808	Taratra Khadeen	BARMER	Barmer	Luni	Luni	MINOR		25.529007	71.256552	3.70	1,195.00	0.05	0.05	-	83.82	-	19.50	19.50	19.50
677	Achlewala Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.853352	71.471930	2.85	870.00	0.06	0.06	-	18.64	-	4.00	4.00	4.00
688	Balwantsingh Ka Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		26.082260	71.749292	3.00	728.00	0.08	0.08	-	29.32	-	24.62	24.62	24.62
689	Bandra bund	BARMER	Baytoo	Luni	Luni	MINOR		25.805811	71.440884	2.85	1,107.50	0.12	0.12		137.08	-	37.00	37.00	37.00
696	Bhimjiwala Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.849016	71.450697	3.30	211.00	0.09	0.09	-	28.85	-	20.65	20.65	20.65
713	Devawala Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.889213	71.404212	4.00	1,310.00	0.16	0.16	-	52.93	-	29.15	29.15	29.15
723	Gordhanwala Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.833572	71.438947	3.50	750.00	0.02	0.02	-	10.04	-	48.60	48.60	48.60
731	Holi ka Magra Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.748924	71.502118	2.50	875.00	0.07	0.07	-	46.08	-	22.90	22.90	22.90
734	Jalandari Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.884373	71.394307	3.10	735.00	0.18	0.18	-	71.28	-	43.30	43.30	43.30
827	Kesumbla khadeen	BARMER	Baytoo	Luni	Luni	Minor		26.327787	71.797583	2.40	810.00	0.10	0.10	-	33.62	-	14.00	14.00	14.00
752	Khatriyo ka Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.931223	71.527305	1.85	430.00	0.03	0.03	-	18.80	-	5.00	5.00	5.00
755	Khumansingh ka Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		26.145713	71.861602	2.15	-	0.09	0.09	-	65.37	-	5.90	5.90	5.90
757	Koisa Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.947128	71.673116	4.00	1,923.00	0.12	0.12	-	51.34	-	31.00	31.00	31.00
759	Kumto tal Khadeen (Bhimada)	BARMER	Baytoo	Luni	Luni	MINOR		26.030727	71.576702	3.00	1,235.00	0.10	0.10	-	82.86	-	34.00	34.00	34.00
765	Meghwalo ka Khadeen (Harsani)	BARMER	Baytoo	Luni	Luni	MINOR		25.863667	71.587102	2.30	1,010.00	0.13	0.13	-	96.40	-	35.18	35.18	35.18
766	Meghwalo ka khadeen (Pubuseria)	BARMER	Baytoo	Luni	Luni	MINOR		26.127306	71.891594	1.90	685.00	0.05	0.05	-	27.90	-	9.10	9.10	9.10
771	Muindo ka Khadeen (Bandra)	BARMER	Baytoo	Luni	Luni	MINOR		25.818878	71.429700			0.12	0.12					11.20	
783	Purohitan Khadeen I	BARMER	Baytoo	Luni	Luni	MINOR		25.842248	71.426166	3.50	1,218.00	0.09	0.09	-	22.49	-	16.20	16.20	16.20
784	Purohitan Khadeen II	BARMER	Baytoo	Luni	Luni	MINOR		25.840701	71.420836	3.30	1,158.00	0.19	0.19	-	15.27	-	13.20	13.20	13.20
799	Sutharonwala Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.946073	71.370382	4.10	360.00	0.11	0.11	-	44.34	-	26.00	26.00	26.00
813	Tora Khadeen	BARMER	Baytoo	Luni	Luni	MINOR		25.833333	71.450000	4.10	1,340.00	0.12	0.12	-	32.59	-	27.90	27.90	
705	Chohtan anicut	BARMER	Chohtan	Luni	Luni	MINOR		25.476058	71.097739	4.40	365.00	0.03	0.03	-	34.04	-	6.70	6.70	6.70
717	Dingra Anicut	BARMER	Chohtan	Luni	Luni	MINOR		25.289940	71.064779	7.06	90.50	0.02	0.02	-	27.55	-	4.80	4.80	4.80
735	Jaleta Khadeen I	BARMER	Chohtan	Luni	Luni	MINOR		25.089528	70.971403	2.10	1,110.00	0.08	0.08	-	58.88	-	12.00	12.00	12.00
691	Bhakarpura bund	BARMER	Dhorimanna	Luni	Luni	MINOR		25.153477	71.770016	5.00	2,657.90	0.86	0.86	-	22.49	-	123.00	123.00	123.00
692	Bhilon wala Khadeen (Gehun)	BARMER	Dhorimanna	Luni	Luni	MINOR		25.273759	71.219825	4.60	365.00	0.27	0.27	-	62.18	-	22.50	22.50	22.50
693	Bhilonwala Khadeen (Dharuda)	BARMER	Dhorimanna	Luni	Luni	MINOR		25.267295	71.218009	3.50	725.00	0.13	0.13	-	67.05	-	24.20	24.20	24.20
694	Bhilowala Khadeen	BARMER	Dhorimanna	Luni	Luni	MINOR		25.264099	71.229464	3.80	480.00	0.06	0.06	-	84.53	-	21.00	21.00	21.00
700	Bularam Muknewala Khadeen	BARMER	Dhorimanna	Luni	Luni	MINOR		25.044775	71.533243	2.80	660.00	0.08	0.08	-	40.98	-	21.00	21.00	21.00
824	Dhangaria bund	BARMER	Dhorimanna	Luni	Luni	Minor		25.075825	71.707219	2.00	1,565.00	0.50	0.50	-	57.25	-	156.00	156.00	156.00
722	Goliya bund	BARMER	Dhorimanna	Luni	Luni	MINOR		25.194429	71.720415	2.80	1,970.00	0.84	0.84	-	79.20	-	271.00	271.00	271.00
760	Lakheria bund	BARMER	Dhorimanna	Luni	Luni	MINOR		25.226442	71.776475	3.00	624.00	0.20	0.20	-		-	60.00	60.00	60.00
764	Meghwalo ka Khadeen (Gunga)	BARMER	Dhorimanna	Luni	Luni	MINOR		25.239805	71.803804	2.50	870.00	0.14	0.14	-	45.00	-	38.00	38.00	38.00
797	Sindhaswa bund	BARMER	Dhorimanna	Luni	Luni	MINOR		25.154203	71.743141	3.00	1,270.00	1.90	1.90	-	88.71	-	156.00	156.00	156.00
815	Udasar Khadeen	BARMER	Dhorimanna	Luni	Luni	MINOR		25.328535	71.539252	3.10	1,250.00	0.07	0.07	-	68.10	-	6.90	6.90	6.90
679	Akoli Khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.033695	71.213870	2.30	830.00	0.09	0.09	-	51.56	-	14.00	14.00	14.00
680	Arang khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.455873	71.528962	2.35	1,735.00	0.06	0.06	-	35.09	-	39.67	39.67	39.67
683	Bala bund	BARMER	Sheo	Luni	Luni	MINOR		26.260261	71.378647	2.10	870.00	0.07	0.07	-	28.24	-	19.00	19.00	19.00
704	Chochra Khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.443713	71.471896	3.10	1,255.00	0.21	0.21	-	89.67	-	9.00	9.00	9.00
714	Devika Khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.405063	71.228782	3.00	1,845.00	0.22	0.21	-	80.85	-	38.00	38.00	38.00

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
727	Gunga Khadeen II	BARMER	Sheo	Luni	Luni	MINOR		26.274168	71.243487	2.35	1,830.00	0.10	0.10	-	78.71	-	25.29	25.29	25.29
739	Jasse ka Gaon Khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.186590	71.201705	3.30	840.00	0.06	0.06	-	41.37	-	16.20	16.20	16.20
758	Kotra Khadeen I	BARMER	Sheo	Luni	Luni	MINOR		26.153814	71.214745	2.60	1,100.00	0.11	0.11	-	49.52	-	14.00	14.00	14.00
828	Kotra khadeen III	BARMER	Sheo	Luni	Luni	Minor		26.154944	71.204031	2.56	7.33	0.06	0.06	-	98.94	-	28.12	28.12	28.12
833	Nagarda khadeen	BARMER	Sheo	Luni	Luni	Minor		26.153974	71.403055	3.90	1,663.00	0.18	0.18	-	49.92	-	27.00	27.00	27.00
774	Nimla Khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.071005	71.318028	16.50	471.50	0.31	0.31	-	45.28	-	32.80	32.80	32.80
781	Posalia Khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.175645	71.474080	3.60	1,510.00	0.10	0.10	-	74.99	-	25.00	25.00	25.00
835	Rathkudia khadeen	BARMER	Sheo	Luni	Luni	Minor		26.464465	71.505092	3.50	1,185.00	0.10	0.10	-	45.00	-	8.00	8.00	8.00
791	Reotonia ki Dhani Khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.159932	71.177588	2.20	690.00	0.09	0.09	-	41.60	-	16.00	16.00	16.00
795	Savitri bund	BARMER	Sheo	Luni	Luni	MINOR		26.100550	71.410425	3.23	1,388.00	0.08	0.08	-	123.00	-	46.00	46.00	46.00
801	Suwala khadeen	BARMER	Sheo	Luni	Luni	MINOR		26.099018	71.121079	2.40	1,080.00	0.05	0.05	-	58.64	-	11.00	11.00	11.00
802	Tajaram ka Khadeen (Kashmer)	BARMER	Sheo	Luni	Luni	MINOR		26.308217	71.557695	2.40	455.00	0.11	0.11	-	35.06	-	21.05	21.05	21.05
690	Bhadwa bund Dundali	BARMER	Sindhari	Luni	Luni	MINOR		25.704691	71.921693	3.50	860.00	0.10	0.10	-	40.41	-	17.00	17.00	17.00
697	Bisodund Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.389044	71.482179	3.80	1,920.00	0.19	0.19	-	51.34	-	53.40	53.40	53.40
823	Devera kn. (Karna)	BARMER	Sindhari	Luni	Luni	Minor		25.740507	71.985910	2.50	480.00	0.05	0.05	-	53.63	-	20.34	20.34	20.34
721	Ghatowala Trisulia Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.727539	71.798546	2.60	840.00	0.06	0.06	-	16.97	-	24.00	24.00	24.00
730	Hodu bund	BARMER	Sindhari	Luni	Luni	MINOR		25.608580	71.753870	4.50	600.00	0.15	0.15	-	51.81	-	32.00	32.00	32.00
732	Hukmania Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.490896	71.551379	4.10	615.00	0.13	0.13	-	19.23	-	31.00	31.00	31.00
749	Karalinadi Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.547977	71.813228	2.70	540.00	0.09	0.09	-	22.41	-	20.00	20.00	20.00
754	Khudal Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.389354	71.788406	2.80	890.00	0.06	0.06	-	37.64	-	22.00	22.00	22.00
772	Nakoda Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.511065	71.878438	3.30	1,055.00	0.70	0.70	-	52.28	-	100.00	100.00	100.00
775	Nokhari Khadeen (Sanpha)	BARMER	Sindhari	Luni	Luni	MINOR		25.488200	71.632141	2.10	725.00	0.07	0.07	-	30.81	-	11.00	11.00	11.00
776	Nosar Anicut (Nosar)	BARMER	Sindhari	Luni	Luni	MINOR		25.801388	71.867165	4.80	180.00	0.06	0.06	-	37.21	-	14.00	14.00	14.00
778	Parmaniya Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.790834	71.785307	3.10	980.00	0.06	0.06	-	60.70	-	22.00	22.00	22.00
792	Sanapa bund	BARMER	Sindhari	Luni	Luni	MINOR		25.714379	71.849058	3.45	1,029.00	0.11	0.11	-	143.90	-	55.00	55.00	55.00
793	Sanpha Anicut	BARMER	Sindhari	Luni	Luni	MINOR		25.713169	71.834961	2.70	280.00	0.06	0.06	-	33.39	-	I.B.	8.32	I.B.
836	Sarnu khadeen	BARMER	Sindhari	Luni	Luni	Minor		25.670202	71.783357	2.80	574.00	0.05	0.05	-	1.38	-	19.00	19.00	19.00
796	Sherejat wala Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.773458	71.753463	3.00	840.00	0.06	0.06	-	69.12	-	23.00	23.00	23.00
800	Sutharowala Khadeen	BARMER	Sindhari	Luni	Luni	MINOR		25.478268	71.677763	3.60	390.00	0.11	0.11	-	44.32	-	20.10	20.10	20.10
803	Taku beri Anciut	BARMER	Sindhari	Luni	Luni	MINOR		25.653082	71.849235	3.50	430.00	0.06	0.06	-	36.84	-	10.00	10.00	10.00
838	Thatiya khadeen	BARMER	Sindhari	Luni	Luni	Minor		25.368619	71.832501	1.95	840.00	0.06	0.06	-	16.97	-	24.30	24.30	24.30
709	Dabla Khadeen	BARMER	Siwana	Luni	Luni	MINOR		25.654213	72.635793	4.20	975.00	0.06	0.06	-	21.84	-	34.40	34.40	34.40
822	Dantala anicut	BARMER	Siwana	Luni	Luni	Minor		25.666206	72.462911	3.45	230.00	0.01	0.01	-	12.37	-	-	1.74	-
715	Devra Khadeen I	BARMER	Siwana	Luni	Luni	MINOR		25.729757	72.524966	3.84	1,495.00	0.16	0.16	-	64.16	-	-	1.76	-
716	Devra Khadeen II	BARMER	Siwana	Luni	Luni	MINOR		25.735478	72.531271	2.80	1,107.00	0.04	0.04	-	30.78	-	-	1.58	-
825	Dheera anicut I	BARMER	Siwana	Luni	Luni	Minor		25.531858	72.454356	5.15	97.50	0.03	0.03	-	28.29	-	-	4.98	-
826	Dheera anicut II	BARMER	Siwana	Luni	Luni	Minor		25.522465	72.453047	3.70	204.00	0.09	0.09	-	55.75	-	-	12.83	-
726	Gudanal bund I	BARMER	Siwana	Luni	Luni	MINOR		25.617723	72.344406	3.75	1,026.00	0.19	0.19	-	90.97	-	56.93	56.93	56.93
756	Kitnod bund	BARMER	Siwana	Luni	Luni	MINOR		25.689829	72.409678	5.30	90.00	0.29	0.29	-	102.43	-	83.80	83.80	83.80
762	Mangi Anicut II	BARMER	Siwana	Luni	Luni	MINOR		25.529847	72.426781	6.05	417.50	0.17	0.17	-	44.92	-	-	6.09	-
763	Mawari bund	BARMER	Siwana	Luni	Luni	MINOR		25.612500	72.483333	7.00	530.00	0.32	0.32	-	64.89	1.20	81.14	81.14	81.14
831	Mokalsar khadeen	BARMER	Siwana	Luni	Luni	Minor		25.597096	72.543178	3.00	1,325.00	0.06	0.06					7.92	
770	Motisara Khadeen (Mungeria)	BARMER	Siwana	Luni	Luni	MINOR		25.654213	72.635793	4.20	975.00	0.06	0.05	-	21.84	-	34.40	25.10	34.40
832	Muknowala kn.	BARMER	Siwana	Luni	Luni	Minor		25.854865	72.547846	3.85	600.00	0.07	0.07	-	77.34	-	19.60	19.60	19.60
773	Naneri Vagunda bund	BARMER	Siwana	Luni	Luni	MINOR		25.589156	72.412530	6.65	1,008.00	0.75	0.75	-	183.02	-	150.00	150.00	150.00
780	Phoolan bund	BARMER	Siwana	Luni	Luni	MINOR		25.705556	72.533333	4.00	1,030.00	0.08	0.08	-	77.35	-	50.00	30.00	22.00
834	Piplun bund	BARMER	Siwana	Luni	Luni	Minor		25.591642	72.373484	5.35	1,213.00	0.49	0.49	-	140.40	-	73.60	73.68	73.60
788	Ramsar ka nada Khadeen	BARMER	Siwana	Luni	Luni	MINOR		25.847581	72.709245	2.85	1,046.00	0.14	0.14	-	11.31	-	59.50	59.50	59.50
805	Talwarwala Khadeen II (Chuli)	BARMER	Siwana	Luni	Luni	MINOR		25.476478	72.404313	2.45	670.00	0.08	0.08	-	49.75	-	17.60	17.60	17.60
814	Tuti Anicut	BARMER	Siwana	Luni	Luni	MINOR		25.573176	72.490005	6.70	259.00	0.07	0.07	-	48.09	-	-	6.06	
817	Vaya Anicut	BARMER	Siwana	Luni	Luni	MINOR		25.595498	72.544478	8.04	254.00	0.02	0.02	-	16.97	-	-	22.07	
1966	Bala Bund	JALORE	Ahore	Luni	Luni	MINOR		25.618402	72.759352	5.63 M	3120 M	0.69	0.66	-	88.30	-	112.00	94.00	79.00
1967	Bala khadeen I	JALORE	Ahore	Luni	Luni	MINOR		25.638100	72.732703	1.90 M	1080 M	0.15	0.15	-	46.12	-	-	21.50	-
1968	Bala Khadeen II	JALORE	Ahore	Luni	Luni	MINOR		25.616338	72.754460	2.65 M	780 M	0.14	0.14	-	43.86	-	-	20.00	-
2043	Neelkanth Khadeen	JALORE	Ahore	Luni	Luni	MINOR		25.651682	72.714134	2.15 M	1150 M	0.05	0.05	-	36.47	-	-	7.50	-
2061	Rama Khadeen	JALORE	Ahore	Luni	Luni	MINOR		25.632277	72.829933	4.70 M	2135 M	0.42	0.42	-	69.34	-	-	41.68	41.68
2089	Sureshwarji bund	JALORE	Ahore	Luni	Luni	MINOR		25.462890	72.720517	7.30 M	480 M	0.25	0.21	-	52.84	-	-	63.00	63.00
1959	Agarwa X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.938846	71.533597			0.18	0.18	-		-	-	28.50	28.50
1961	Akodia X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.709744	71.233201	4.20	2,310.00	0.67	0.67	-	374.60	-	-	157.50	157.50
1963	Amarpura X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.988875	71.800177		1520 ft	0.18	0.16	-	32.83	-	-	32.00	32.00
1969	Balera X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1984	24.726430	71.475273	5.84	2,535.00	1.26	0.94	4.05				426.00	426.00
1976	Bhadrun X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1983	24.810088	71.511402	2.65	2,440.00	1.59	1.09	15.75				342.10	342.10
2110	Bhatki X bund	JALORE	Chitalwana	Luni	Luni	Minor		24.705961	71.463558	4.50	500.00		0.52	-		-	-	30.00	22.00
1987	Chittalwana X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1975	24.938277	71.639466	6.78	5,890.00	12.24	11.15	30.78			1,926.34	1,903.60	1,903.60
1994	Dhingpura X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.730396	71.413214			0.28	0.25	-		-	-	103.20	
1997	Duthwa X bund-I	JALORE	Chitalwana	Luni	Luni	MINOR	1976	24.879452	71.500240	5.00	219.51	3.40	3.10	7.27				720.00	720.00
1998	Duthwa X bund-II	JALORE	Chitalwana	Luni	Luni	MINOR	1976	24.880212	71.500915	5.79	1,880.00	2.26	2.26	14.63				619.80	619.80

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																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1999	Galifa X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1975	24.838868	71.560749	5.79	121.95	2.12	2.12	6.81				400.00	400.00
2000	Gandhav X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.986437	71.672064		27.00	1.43	1.43	-	68.26	-	-	118.60	188.60
2003	Hemaguda II x bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.982488	71.713478	11.27	5350 ft	2.77	2.77	-	163.29	-	-	627.27	627.27
2005	Hotigaon X bund I	JALORE	Chitalwana	Luni	Luni	MINOR	1976	24.855639	71.566679	6.10	121.95	1.98	1.78	5.83				404.00	400.00
2006	Hotigaon X bund II	JALORE	Chitalwana	Luni	Luni	MINOR		24.878418	71.569704			0.98	0.98	-		-	-	151.00	151.00
2012	Kabuli Ki dhani X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.921532	71.397599	6.00 ft	1150 ft	0.08	0.29	-		-	-	100.00	19.50
2016	Kapooria X Bund	JALORE	Chitalwana	Luni	Luni	MINOR	1973	24.968164	71.697906	7.00	4,680.00	3.24	3.17	9.28				427.90	427.90
2019	Keria X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1968	24.963034	71.640599	6.70	4,365.00	8.16	7.77	21.07				406.50	406.50
2020	Kesari X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1970	24.763118	71.496879	7.30	182.56	3.45	3.45	8.48				598.80	598.80
2023	Khejadiyali X bund I	JALORE	Chitalwana	Luni	Luni	MINOR		24.777459	71.288988	9.36 ft	3,048.00	1.13	1.13		243.38	-	-	191.00	242.91
2024	Khejdiyali II X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.764441	71.273087	4.90	1,410.00	0.85	0.81	-	382.21	-	-	190.00	190.00
2027	Kukaria X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1988	24.665564	71.331299	4.87	2,485.00	2.75	1.52	11.36				324.70	324.70
2035	Malasar X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.899402	71.763928	15.92 ft	7200 ft	0.57	0.57	-	26.40	-	-	129.55	129.55
2040	Methaki Khal X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1986	24.773315	71.347277	4.28	2,310.00	3.03	2.63	4.30				578.15	578.15
2050	Pavta Bhatwas X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.834904	71.463813	4.98	2,675.00	1.08	1.08	-	495.42	-	-	140.00	233.00
2052	Phogarwa X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1979	24.801172	71.431183	6.10	1,410.00	2.05	2.05	6.15				395.50	395.50
2062	Rampura Tantara bund	JALORE	Chitalwana	Luni	Luni	MINOR		25.078093	71.815420	4.50 m	840.00	0.46	0.46	-	182.53	-	-	30.00	75.00
2063	Rampura X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1975	25.101135	71.810024	7.05	2,320.00	5.32	3.73	7.23				549.80	549.80
2115	Ranodar I X bund	JALORE	Chitalwana	Luni	Luni	Minor		24.958710	71.697970	22.50 ft	6250 ft	4.25	4.25	-	1,138.00	-	-	35.00	800.00
2066	Ranodar II X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.970384	71.729750			0.35	0.35					32.50	32.50
2067	Ranodar III X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.958562	71.700850		1,200.00	-	0.87					27.00	27.00
2068	Ratanpura X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1976	24.894393	71.654881	6.63	158.49	2.12	1.20	5.77				434.00	519.85
2069	Ridha X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.727059	71.316320				0.96					187.45	
2074	Sankaria X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1976	24.780782	71.355391	6.63	147.50	2.20	2.20	6.37				483.80	483.80
2084	Suja ki Khal X Bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.689528	71.398677	12.98 ft	6200 ft	0.86	0.66	-	245.93	-	-	182.12	182.12
2085	Sujanpura X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.807631	71.454803	5.50	1,120.00	6.60	0.49	-	180.00	-	-	55.00	133.00
2086	Surachand I X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.823699	71.401459	16.78 ft	4200 ft	1.13	1.13	-	226.40	-	-	127.00	242.90
2087	Surachand II X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.823021	71.412753	3.82	2,190.00	0.57	0.57	-	76.12	-	-	127.93	127.93
2090	Suthri II X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.778130	71.430410	5.70	2,250.00	0.23	0.23	-	328.00	-	-	75.37	75.37
2117	Suthri II X bund	JALORE	Chitalwana	Luni	Luni	Minor		24.782505	71.429163				0.23					75.37	
2091	Suthri X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.782898	71.429356				4.65					593.90	
2092	Tampi X bund	JALORE	Chitalwana	Luni	Luni	MINOR	1976	24.863791	71.523807	6.40	131.04	0.85	0.85	7.94				192.71	429.80
2095	Tetrol X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.989372	71.679094			0.05	0.05					32.40	32.40
2101	Varnwa I X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.755980	71.471561		2,030.00	2.63	2.53	-	464.95	-	-	159.85	159.85
2102	Varnwa II X bund	JALORE	Chitalwana	Luni	Luni	MINOR		24.750149	71.452243	3.40	1,914.00	1.30	1.30	-	49.91	-	-	183.00	183.00
1989	Dantwara Bund	JALORE	Raniwara	Luni	Luni	MINOR		24.871187	72.088369	6.20	1,077.00	0.54	0.45	-	110.05	1.32 km	138.00	138.00	84.00
2034	Llyadara X bund	JALORE	Sanchore	Luni	Luni	MINOR		24.918717	71.921900				0.49					42.00	
2049	Pamana X bund	JALORE	Sanchore	Luni	Luni	MINOR		24.950000	72.000000	27.00 ft	1400 ft	1.34	1.34	-	186.78	-	-	40.00	48.58
2202	Bailwa Anicut II	JODHPUR	Balesar	Luni	Luni	MINOR		26.444486	72.577513				0.10					14.16	
2203	Bailwa Ranaji Bandh I	JODHPUR	Balesar	Luni	Luni	MINOR		26.485611	72.538722				0.08					12.01	
2217	Bastua Bandh	JODHPUR	Balesar	Luni	Luni	MINOR		26.540461	72.587085				0.10					8.62	
2218	Bastua Khadeen I	JODHPUR	Balesar	Luni	Luni	MINOR		26.555114	72.589414				0.18					21.45	
2219	Bastua Mataji Anicut	JODHPUR	Balesar	Luni	Luni	MINOR		26.535092	72.565742				0.26					37.32	
2380	Bawariyo ka Sar anicut	JODHPUR	Balesar	Luni	Luni	Minor		26.388556	72.733466				0.14					20.00	
2220	Bawri Kala Khadeen	JODHPUR	Balesar	Luni	Luni	MINOR		26.513543	72.345845				0.04					40.00	
2221	Bawri Purohitan Khadeen	JODHPUR	Balesar	Luni	Luni	MINOR		26.516603	72.336212				0.08					75.00	
2381	Bhalurajawat Anicut	JODHPUR	Balesar	Luni	Luni	Minor		26.580065	72.468233				0.11					16.00	
2251	Deriya Bandh I	JODHPUR	Balesar	Luni	Luni	MINOR		26.582809	72.569778				0.09					12.24	
2252	Deriya Bandh II	JODHPUR	Balesar	Luni	Luni	MINOR		26.591114	72.570155				0.15					10.89	
2421	Dhadaniya Bundh	JODHPUR	Balesar	Luni	Luni	Minor		26.287262	72.523266				0.06					80.00	
2254	Dhadhaniya Bandh	JODHPUR	Balesar	Luni	Luni	MINOR		26.340540	72.576612				0.35					82.00	
2391	Dukiya Khadeen	JODHPUR	Balesar	Luni	Luni	Minor		26.324308	72.560263				0.06					33.00	
2265	Gopalsar Bandh	JODHPUR	Balesar	Luni	Luni	MINOR		26.495129	72.590894				0.04					9.50	
2288	Ketu Hema Anicut	JODHPUR	Balesar	Luni	Luni	MINOR		26.488790	72.470021				0.11					15.00	
2289	Ketu Kala Bandh	JODHPUR	Balesar	Luni	Luni	MINOR		26.518378	72.482448				0.09					20.00	
2290	Ketukala Dhokalwas Bera	JODHPUR	Balesar	Luni	Luni	MINOR		26.503827	72.483394				0.09					25.00	
2340	Purohito Wala Bandh	JODHPUR	Balesar	Luni	Luni	MINOR		26.327373	72.695209				0.18					57.00	
2417	Thakarwala Bundh	JODHPUR	Balesar	Luni	Luni	Minor		26.643752	72.628883				0.23					20.00	
2419	Vastua Mataji Anicut	JODHPUR	Balesar	Luni	Luni	Minor		26.505793	72.573809				0.26					37.33	
2420	Vastuas Sundo Ka Bas	JODHPUR	Balesar	Luni	Luni	Minor		26.559993	72.607560				0.08					15.00	
2229	Bhari nagar Bandh	JODHPUR	Bawari	Luni	Luni	MINOR		26.800133	73.273572				0.17					24.00	
2423	Birai Bundh	JODHPUR	Bawari	Luni	Luni	Minor	State time	26.595429	73.293681	21.00	2,430.00	2.80	2.78	1,174.00	566.23		1,478.41	531.00	
2386	Danwara Bundh	JODHPUR	Bawari	Luni	Luni	Minor		26.720789	73.062858				0.10					84.00	
2387	Dawarawala Khadeen	JODHPUR	Bawari	Luni	Luni	Minor		26.724595	73.091184				0.17					20.37	
2270	Harthani Bandh	JODHPUR	Bawari	Luni	Luni	MINOR		26.700799	73.192845				0.12					118.00	
2304	Lavera Kala Bandh	JODHPUR	Bawari	Luni	Luni	MINOR		26.724670	73.247607				0.84					142.00	
2305	Lavera Kala Khadeen	JODHPUR	Bawari	Luni	Luni	MINOR		26.678466	73.268569				0.84					142.00	

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2317	Nadiyan Kala	JODHPUR	Bawari	Luni	Luni	MINOR		26.763077	73.190411				0.17					121.00	
2368	Umed Nagar I	JODHPUR	Bawari	Luni	Luni	MINOR		26.558094	73.015591				0.10					62.00	
2195	Artia Kalan Anicut	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.554271	73.399202				0.25					35.00	
2196	Artia Khurd	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.554355	73.435965				0.50					72.00	
2197	Artiawala Bandh	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.548036	73.413145				0.45					64.00	
2205	Bairna Bandh	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.717833	73.587665				0.09					13.13	
2235	Bhilova ka Tambria Anicut	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.603868	73.407821				0.06					8.27	
2245	Burchha Anicut	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.586956	73.512522				0.07					10.00	
2248	Chhaplasar Bandh	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.641179	73.617795				0.06					26.00	
2389	Dhoru Bundh	JODHPUR	Bhopalgarh	Luni	Luni	Minor		26.591540	73.464839	4.57	1,334.00	0.14	0.14	0.03	561.00	Small W.Course	50.60	20.00	20.24
2372	Hiradesar bundh - II	JODHPUR	Bhopalgarh	Luni	Luni	Minor		26.614382	73.386623				0.13					180.00	
2271	Hiradesar bundh I	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.632307	73.389010				0.13					60.00	
2399	Kudi Fitter	JODHPUR	Bhopalgarh	Luni	Luni	Minor		26.546775	73.487650				0.04					6.00	
2299	Kuri Bandh	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.570267	73.464576				1.12					160.00	
2411	Rajlani anicut	JODHPUR	Bhopalgarh	Luni	Luni	Minor		26.689022	73.630022				0.14					7.00	
2341	Rajlani Bandh	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.689554	73.632039				0.10					14.50	
2359	Sophara Anicut	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.613382	73.420207				0.15					22.00	
2363	Tambria Anicut-II	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.593512	73.352014				0.07					10.00	
2364	Tambria Bandh-I	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.587506	73.357845				0.46					66.00	
2369	Ustra Anicut (Mandli Gaon)	JODHPUR	Bhopalgarh	Luni	Luni	MINOR		26.665536	73.392171				0.09					18.00	
2208	Bala Khadeen	JODHPUR	Bilara	Luni	Luni	MINOR		26.189491	73.526714				0.78					14.12	
2231	Bhavi Bara Talab Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.227881	73.611601				0.11					15.00	
2232	Bhavi Sand Pali	JODHPUR	Bilara	Luni	Luni	MINOR		26.215990	73.618842				0.47					70.00	
2243	Birawas Anicut-I	JODHPUR	Bilara	Luni	Luni	MINOR		26.248629	73.683064				0.29					42.00	
2268	Hariyada Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.160566	73.449495				1.55					21.66	
2273	Hungaon Khadeen	JODHPUR	Bilara	Luni	Luni	MINOR		26.143685	73.419782				0.14					20.00	
2395	Jurli Anicut	JODHPUR	Bilara	Luni	Luni	Minor		26.213001	73.649750				0.01					17.52	
2302	Lamba Pick up Wear	JODHPUR	Bilara	Luni	Luni	MINOR		26.209742	73.555841				1.48					211.00	
2303	Lambayatsar	JODHPUR	Bilara	Luni	Luni	MINOR		26.205530	73.563357				0.51					98.00	
2373	Malkosani	JODHPUR	Bilara	Luni	Luni	Minor		26.160610	73.609519				0.04					42.51	
2375	Olvi Anicut	JODHPUR	Bilara	Luni	Luni	Minor		26.198786	73.428303				0.07					11.00	
2329	Olvi Bandh	JODHPUR	Bilara	Luni	Luni	MINOR		26.196136	73.440821				0.25					35.63	
2342	Ramasani Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.180325	73.402219				0.18					25.00	
2343	Ramasani Anicut	JODHPUR	Bilara	Luni	Luni	MINOR		26.182532	73.401355				0.14					20.00	
2344	Ramasani Dam-I	JODHPUR	Bilara	Luni	Luni	MINOR		26.180494	73.390970				0.20					29.00	
2240	Biram Khadeen II	JODHPUR	Luni	Luni	Luni	MINOR		26.154108	73.229098				0.19					28.00	
2241	Birami Khadeen	JODHPUR	Luni	Luni	Luni	MINOR		26.150575	73.229460				0.61					74.00	
2383	Bujhawar Bundh	JODHPUR	Luni	Luni	Luni	Minor		26.224524	72.901898				0.22					19.00	
2390	Doli Anicut	JODHPUR	Luni	Luni	Luni	Minor		26.177764	72.892325				0.09					14.03	
2392	Gujarawas Anicut	JODHPUR	Luni	Luni	Luni	Minor		26.132702	73.202322				0.06					17.56	
2394	Jatiyashani Bhakari Anicut	JODHPUR	Luni	Luni	Luni	Minor		26.107850	72.831936				0.17					45.00	
2294	Khejrli Anicut-I	JODHPUR	Luni	Luni	Luni	MINOR		26.151083	73.143612				0.08					12.00	
2295	Khejrli Anicut-II	JODHPUR	Luni	Luni	Luni	MINOR		26.132324	73.178056				0.06					8.00	
2314	Meghwalowala Jhanwar	JODHPUR	Luni	Luni	Luni	MINOR		26.202066	72.849646				0.13					18.00	
2407	Modi Suthara Anicut	JODHPUR	Luni	Luni	Luni	Minor		26.084700	73.193729				0.04					16.00	
2315	Mori Josiyan	JODHPUR	Luni	Luni	Luni	MINOR		26.099108	73.237733				0.25					76.00	
2321	Narnari Anicut I	JODHPUR	Luni	Luni	Luni	MINOR		26.154468	72.893449				0.18					27.00	
2322	Narnari Anicut II	JODHPUR	Luni	Luni	Luni	MINOR		26.148867	72.906060				0.18					16.20	
2327	Nimbla Bandh	JODHPUR	Luni	Luni	Luni	MINOR		26.049221	73.098571				0.62					99.00	
2335	Patliyawas Anicut	JODHPUR	Luni	Luni	Luni	MINOR		26.111374	73.065121				0.07					9.91	
2352	Sajara Nai Basti Bandh	JODHPUR	Luni	Luni	Luni	MINOR		26.114205	73.237022				0.22					43.00	
2210	Banad Anicut	JODHPUR	Mandor	Luni	Luni	MINOR		26.333792	73.148829				0.28					40.00	
2216	Basani Beda Anicut	JODHPUR	Mandor	Luni	Luni	MINOR		26.241971	73.089388				0.40					20.00	
2223	Beru Bandh	JODHPUR	Mandor	Luni	Luni	MINOR		26.381945	72.878394				0.21					44.00	
2253	Desuria Bandh	JODHPUR	Mandor	Luni	Luni	MINOR		26.386804	73.078153				0.08					45.33	
2257	Gadeeya Khandin	JODHPUR	Mandor	Luni	Luni	MINOR		26.398400	72.873748				0.07					25.00	
2262	Ghantiyala Bandh	JODHPUR	Mandor	Luni	Luni	MINOR		26.392706	72.755767				0.80					141.00	
2263	Ghatiwala Anicut	JODHPUR	Mandor	Luni	Luni	MINOR		26.388008	72.773295				0.15					21.00	
2393	Indro Ki Dhani	JODHPUR	Mandor	Luni	Luni	Minor		26.439113	72.902512				0.14					87.00	
2274	Jajiwal Bhatia Khadeen	JODHPUR	Mandor	Luni	Luni	MINOR		26.416487	73.162290				0.20					30.00	
2275	Jajiwal Kalan Khadeen	JODHPUR	Mandor	Luni	Luni	MINOR		26.368067	73.164186				0.20					20.00	
2282	Kali Bhakhari	JODHPUR	Mandor	Luni	Luni	MINOR		26.391610	72.971765				0.10					40.00	
2287	Keru Bandh	JODHPUR	Mandor	Luni	Luni	MINOR		26.348984	72.872496				0.33					41.02	
2307	Lordia Pandit Ji Khadeen	JODHPUR	Mandor	Luni	Luni	MINOR		26.423981	73.134492				1.25					179.00	
2374	Naiyon wala Khadeen Shekhasar-II	JODHPUR	Mandor	Luni	Luni	Minor		26.266565	72.798067				0.55					80.00	
2318	Nandra Kalan	JODHPUR	Mandor	Luni	Luni	MINOR		26.286435	73.123008				0.36					26.31	

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																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2319	Nandra Khurd Anicut	JODHPUR	Mandor	Luni	Luni	MINOR		26.293171	73.137553				0.51					37.30	
2320	Nari Wala Khadeen	JODHPUR	Mandor	Luni	Luni	MINOR		26.246142	72.828439				0.05					82.00	
2338	Popawas Bandh I	JODHPUR	Mandor	Luni	Luni	MINOR		26.359239	72.794068				0.13					54.00	
2339	Popawas Bandh II	JODHPUR	Mandor	Luni	Luni	MINOR		26.357472	72.786670				0.25					41.02	
2349	Rohika Kalan Anicut	JODHPUR	Mandor	Luni	Luni	MINOR		26.238826	72.863153				0.18					25.00	
2360	Surpura bund	JODHPUR	Mandor	Luni	Luni	MINOR		26.356111	73.067778				2.16					1,137.00	
2367	Uccharia Anicut	JODHPUR	Mandor	Luni	Luni	MINOR		26.262007	73.128109				0.47					16.00	
2198	Bada Kotecha Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.516325	72.827315				0.10					103.00	
2206	Baithwasiya Khadeen	JODHPUR	Osian	Luni	Luni	MINOR		26.797531	72.949479				0.19					75.00	
2209	Balkha Anicut II	JODHPUR	Osian	Luni	Luni	MINOR		26.483333	72.900000				0.05					22.00	
2211	Bankha Anicut I	JODHPUR	Osian	Luni	Luni	MINOR		26.480552	72.897080				0.05					92.00	
2224	Bethwasiya Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.799358	72.965726				0.19					100.00	
2234	Bhikam Kor Bhinaria	JODHPUR	Osian	Luni	Luni	MINOR		26.797491	72.796005				0.57					82.00	
2238	Bigmi Khadeen	JODHPUR	Osian	Luni	Luni	MINOR		26.675432	72.943392				0.13					60.00	
2239	Bijwardiya Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.557083	72.794864				0.20					70.00	
2256	Dudhariya Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.726256	72.973794				0.07					55.00	
2259	Gagari Khadeen	JODHPUR	Osian	Luni	Luni	MINOR		26.568502	72.752435				0.57					95.00	
2279	Jelu Anicut	JODHPUR	Osian	Luni	Luni	MINOR		26.529108	72.770440				0.09					45.54	
2280	Jelu Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.535634	72.763239				0.06					54.55	
2291	Khabra Khadeen	JODHPUR	Osian	Luni	Luni	MINOR		26.724190	72.777735				0.04					45.00	
2398	Kharda Mewasa Khadeen	JODHPUR	Osian	Luni	Luni	Minor		26.658830	73.028875				0.25					90.00	
2312	Maluga Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.473135	72.808784				0.03					75.50	
2323	Navora Bera	JODHPUR	Osian	Luni	Luni	MINOR		26.679145	72.997244				0.06					8.51	
2325	Nevera Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.681841	72.991887				0.04					130.00	
2326	Nevra Khadeen	JODHPUR	Osian	Luni	Luni	MINOR		26.687736	72.997669				0.11					45.00	
2331	Pandit Ji Ki Dhani	JODHPUR	Osian	Luni	Luni	MINOR		26.823874	72.952210				0.07					20.00	
2353	Sakori Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.427778	72.783333				0.68					76.00	
2355	Sindhiyon Ki Dhani Anicut	JODHPUR	Osian	Luni	Luni	MINOR		26.489207	73.026443				0.10					45.40	
2356	Sindhiyon Ki Dhani Anicut-I	JODHPUR	Osian	Luni	Luni	MINOR		26.482002	73.036332				0.59					17.00	
2365	Thob Bandh	JODHPUR	Osian	Luni	Luni	MINOR		26.755910	73.020336				0.39					79.00	
2228	Bhandu Charana Anicut	JODHPUR	Shergarh	Luni	Luni	MINOR		26.353471	72.447900				0.60					85.00	
2382	Bhandu Charna AnicutII	JODHPUR	Shergarh	Luni	Luni	Minor		26.353371	72.443448				0.12					17.00	
2246	Burkiya Bandh	JODHPUR	Shergarh	Luni	Luni	MINOR		26.719230	72.181617				1.18					168.00	
2366	Tibana Anicut	JODHPUR	Shergarh	Luni	Luni	MINOR		26.361789	72.366008				0.08					11.44	
2586	Harsolav I	NAGAUR	Merta	Luni	Luni	Minor		26.727196	73.706759	2.50	1,010.00	0.13	0.50	-	1,135.00	-	36.15	16.99	36.15
2511	Chittani Bund	NAGAUR	Mundwa	Luni	Luni	MINOR		26.840285	73.725391				0.33					59.72	
2654	Nimbli Bandh	PALI	Rohat	Luni	Luni	MINOR		26.004272	73.077022	3.40	2,580.00	0.69	0.70	-	223.29	-	263.00	200.00	200.00
2685	Tutia Bandh	PALI	Rohat	Luni	Luni	MINOR		26.052562	73.239937	1.83	1,861.00	0.96	0.96	NA	2,450.00	-	73.00	62.00	53.00
	Sub Basin Total											**121.15**	**151.55**				**8,965.49**	**26,919.27**	**18,919.14**
1960	Akoda X bund	JALORE	Ahore	Luni	Mithari	MINOR		25.446909	72.892593	4.79	1,950.00	0.10	0.57	-	4.91	-	-	183.00	183.00
1972	Bawarda Bund	JALORE	Ahore	Luni	Mithari	MINOR		25.502595	72.974098	23.17 ft.	4260 FT.	2.24	2.02	-	349.22	3.00	-	282.88	234.61
1977	Bhawarani Khadeen	JALORE	Ahore	Luni	Mithari	MINOR		25.568300	72.661946	2.91 M	969 M	0.10	0.10	-	33.96	-	-	15.00	18.00
2014	Kaniwara Bund	JALORE	Ahore	Luni	Mithari	MINOR		25.519752	72.968466	5.55 M	2262 M	0.84	0.80	-	140.28	1.98	240.00	223.00	223.00
2018	Karwara bund	JALORE	Ahore	Luni	Mithari	MINOR		25.453910	72.983728	6.00	446.00	0.17	0.15	-	37.80		55.00	28.00	25.00 bed
2045	Nosra Canal	JALORE	Ahore	Luni	Mithari	MINOR	1981	25.535032	72.762168				7.50					1,880.00	
2116	Shankwali khadeen	JALORE	Ahore	Luni	Mithari	Minor		25.491100	72.873865	2.65 M	1200 M	0.30	0.30	-	78.95	-	-	25.20	80.00
2096	Thumbh Khadeen	JALORE	Ahore	Luni	Mithari	MINOR		25.403078	72.954299	-	-	0.11	0.11					15.20	
2607	Dantiwara	PALI	Bali	Luni	Mithari	MINOR	1964	25.235671	73.333220	10.00	542.50	2.77	2.63	NA	143.20	6,270.00	797.00	794.00	494.00
2625	Jadari Diversion Dam	PALI	Bali	Luni	Mithari	MINOR	1976-77	25.227236	73.237266	6.00	2,746.25	0.85	0.71		244.97	10.00Ch		100.82	
2630	Kamoti Bandh	PALI	Bali	Luni	Mithari	MINOR		25.168664	73.292481				0.21					38.00	
2637	Khiwandi-Bankli Bund	PALI	Bali	Luni	Mithari	MINOR		25.229386	73.213313				7.40					1,341.30	
2640	Kot	PALI	Bali	Luni	Mithari	MINOR	1985	25.182337	73.338898	8.10	3,930.00	2.86	2.74	NA	223.54	9,090.00	283.00	527.00	469.00
2641	Latara	PALI	Bali	Luni	Mithari	MINOR	1965	25.141276	73.397451	21.00	76.00	1.41	1.36	NA	156.75	2,490.00	422.21	405.00	249.00
2643	Madra ki Nal Bandh	PALI	Bali	Luni	Mithari	MINOR		25.117413	73.372530	6.00	360.00	0.47	0.47	NA	49.66	780.00	215.20	165.00	66.00
2651	Mithri	PALI	Bali	Luni	Mithari	MINOR	1971	25.065552	73.316654	15.70	1,545.00	8.71	8.32	NA	433.00	4,570.00	1,996.00	1,953.00	1,129.00
2656	Peerwa Bandh	PALI	Bali	Luni	Mithari	MINOR		25.152409	73.212953				0.87					64.73	
2658	Phutelao Bandh	PALI	Bali	Luni	Mithari	MINOR		25.103827	73.341960	4.00	216.00	0.15	0.15	NA	16.98	100.00	35.60	27.00	18.80
2660	Phutiya	PALI	Bali	Luni	Mithari	MINOR	1994	25.206710	73.213103	5.50	4,903.00	1.54	1.37	NA	138.75	3,480.00	380.00	353.00	233.00
2661	Pipla	PALI	Bali	Luni	Mithari	MINOR	1987	25.110910	73.314213	7.10	159.00	0.36	0.32	NA	38.20	240m	130.00	79.00	48.00
2675	Saravja Bandh	PALI	Bali	Luni	Mithari	MINOR		25.197853	73.204652	7.00	58.00	0.25	0.23	NA	40.83	450.00	61.20	41.00	34.80
2677	Sewari	PALI	Bali	Luni	Mithari	MINOR	1982	25.067988	73.364387	8.60	111.00	0.20	0.18	NA	24.84	450.00	44.00	44.00	26.00
2683	Sonwa Bandh	PALI	Bali	Luni	Mithari	MINOR		25.099323	73.327732	11.50	760.00	0.93	0.93	NA	75.56	1,200.00	196.80	196.00	142.40
2596	Bajarwala Bandh	PALI	Desuri	Luni	Mithari	MINOR		25.153817	73.434206	11.15	160.00	0.36	0.36	NA	42.45	360.00	61.20	53.00	48.80
2612	Dujana Bund	PALI	Sumerpur	Luni	Mithari	MINOR	1992	25.274075	73.129304	9.25	3,283.00	0.70	0.67		92.75	52Ch		112.00	
2680	Sindroo Dam	PALI	Sumerpur	Luni	Mithari	MINOR	1976-77	25.261025	73.158517	27.00	1,836.42	8.85	8.10		266.86	3.80 Ch		1,157.59	
2684	Takhatgarh Bundh	PALI	Sumerpur	Luni	Mithari	MINOR	1973	25.341282	73.023109	8.00	3,566.16	1.97	1.91		237.89	19Ch		272.99	
	Sub Basin Total											**36.22**	**50.46**				**4,917.21**	**10,376.70**	**3,697.41**

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2037	Malwara Bund	JALORE	Jaswantpura	Luni	Sagi	MINOR		24.782566	72.328045	3.81	840.00	0.15	0.12	-	34.53		30.35	20.23	14.16
2058	Rajikawas bund	JALORE	Jaswantpura	Luni	Sagi	MINOR		24.867727	72.399598	6.88	585.00	0.35	0.32	-	149.56	690.00	159.06	57.31	45.30
2059	Rajpura bund I	JALORE	Jaswantpura	Luni	Sagi	MINOR		24.851350	72.388249	11.10	300.00	0.46	0.42	-	72.65		89.45	80.97	60.73
2060	Rajpura bund II	JALORE	Jaswantpura	Luni	Sagi	MINOR		24.852838	72.329844	7.56	301.00	0.31	0.28	-	59.60	1,260.00		67.73	55.34
1973	Beretha bund I	JALORE	Raniwara	Luni	Sagi	MINOR		24.904300	72.226283	9.10	1,110.00	0.56	0.49	-	51.62		330.00	288.00	200.00
1974	Beretha bund II	JALORE	Raniwara	Luni	Sagi	MINOR		24.918753	72.229075	5.63	496.00	0.14	0.14	-	64.85		46.96	46.96	41.00
1982	Chatwara bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.907179	72.128664	6.15	540.00	0.18	0.14	-	67.92			40.50	40.50
1995	Dolpura	JALORE	Raniwara	Luni	Sagi	MINOR		24.805511	72.276095	3.36	1,155.00	1.03	1.03	0.66	7,838.00	2.70	237.50	213.00	160.00
2017	Karda bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.902943	72.143291	6.41	870.00	0.17	0.16	-	56.60		80.00	33.00	55.00
2022	Kheda Sumergarh bund	JALORE	Raniwara	Luni	Sagi	MINOR	1986	24.857717	72.188471	6.66	2,100.00	1.14	1.00	0.65	119.22			384.00	230.40
2026	Kortia bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.958106	72.060754				0.19					27.00	
2029	Lakawas Bund II	JALORE	Raniwara	Luni	Sagi	MINOR		24.893279	72.170201	6.35	605.00	0.15	0.14	-	53.51		53.42	40.50	40.50
2030	Lakhawas Bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.905262	72.169863			0.34	0.34					40.00	
2031	Lakhawas Kn. II	JALORE	Raniwara	Luni	Sagi	MINOR		24.885399	72.170520	6.35	605.00	0.15	0.14	-	53.52		53.40	53.00	40.00
2032	lalpura bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.910058	72.150928	6.22	343.00	0.14	0.14	-	151.25		57.00	51.00	41.00
2070	Roopsi bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.937255	72.194264	6.30	720.00	0.13	0.13	-	95.98		41.00	37.00	37.00
2081	Silwason bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.875518	72.238877	26.50 ft.	900 ft.	0.33	0.31	-	81.25	3000 ft.	52.60	35.20	25.20
2094	Tavidar bund	JALORE	Raniwara	Luni	Sagi	MINOR		24.868175	72.195354	3.50	930.00	0.61	0.52	-	1.62	1.30	120.00	110.00	74.00
2100	Vandhar bund	JALORE	Raniwara	Luni	Sagi	MINOR	1980	24.800296	72.194139	7.36	1,255.00	4.05	3.17	1.56	319.79	4.60	573.00	504.00	453.00
	Sub Basin Total											**10.38**	**9.19**				**1,923.74**	**2,129.40**	**1,613.13**
2649	Manihari Bundh	PALI	Pali	Luni	Sukri	MINOR		25.658620	73.085174	4.70	2,940.00	1.50	1.50	-	142.63	3.66	53.00	51.00	30.00
2687	Vayad	PALI	Rohat	Luni	Sukri	MINOR	State Time	25.732365	72.956612	4.80	3,350.00	1.44	1.40		1,296.73	3.36	368.00	219.00	263.00
	Sub Basin Total											**2.94**	**2.90**				**421.00**	**270.00**	**293.00**
777	Pariharo kan khadeen (Kotra)	BARMER	Siwana	Luni	Sukri (Sayala)	MINOR		25.433966	72.316086	3.90	990.00	0.04	0.04	-	23.12	-	15.00	15.00	15.00
2004	Hemaguda X bund	JALORE	Chitalwana	Luni	Sukri (Sayala)	MINOR	1974	25.026096	71.766453	3.58	146.39	2.75	2.75	7.48				480.15	480.15
2106	Vomal X bund	JALORE	Chitalwana	Luni	Sukri (Sayala)	MINOR	1975	25.057239	71.866672	5.49	176.88	2.77	2.77	4.28				580.15	580.15
2107	Zhab X bund	JALORE	Chitalwana	Luni	Sukri (Sayala)	MINOR	1975	25.029390	71.832352	4.72	2,250.00	2.58	2.58	9.15				500.00	500.00
1965	Bal samand bund	JALORE	Jaswantpura	Luni	Sukri (Sayala)	MINOR		25.138405	72.362266				2.53					330.00	
	Sub Basin Total											**8.13**	**10.66**				**15.00**	**1,905.30**	**1,575.30**
	Basin Total											**428.08**	**386.04**				**40,781.94**	**74,478.61**	**40,054.15**
534	Badiyala	BANSWARA	Anandpuri	Mahi	Anas	MINOR	1971-72	23.419203	74.129086	12.20	NA	0.45	0.40	NA	NA	NA	81.00	65.00	45.00
540	Bhanwaria Ka naka	BANSWARA	Anandpuri	Mahi	Anas	MINOR	1979-80	23.390861	74.097021	15.00	722.00	0.59	0.57		111.00	3.36	142.91	136.00	82.00
538	Bhuwanpura	BANSWARA	Anandpuri	Mahi	Anas	MINOR	NA	23.446963	74.191226				0.19					36.00	
569	Kajaliya	BANSWARA	Anandpuri	Mahi	Anas	MINOR	1995-96	23.424763	74.148705	10.00	435.00	0.49	0.45	NA	50.09	NA	105.00	36.00	64.00
626	Nava Tapra	BANSWARA	Anandpuri	Mahi	Anas	Minor	NA	23.421575	74.071212	NA	NA	0.19	0.16	NA	28.47	NA	NA	40.00	NA
602	Sundrao	BANSWARA	Anandpuri	Mahi	Anas	MINOR	1974-75	23.403793	74.112817	10.20	434.00	0.32	0.29	NA	61.13	1.35	37.00	34.00	33.00
606	Udaipura Bada	BANSWARA	Anandpuri	Mahi	Anas	MINOR	1997-98	23.410741	74.191980	10.00	215.00	0.27	0.25	NA	50.09	NA	54.00	40.00	36.00
613	Aryapada	BANSWARA	Bagidora	Mahi	Anas	Minor	1992-93	23.337924	74.192964	12.25	608.00	0.31	0.56	NA	38.57	2.34	130.00	123.00	80.00
541	Bhura Kuwr	BANSWARA	Bagidora	Mahi	Anas	MINOR	1978-79	23.318704	74.245126	12.00	276.00	0.41	0.38	NA	36.51	2.55	77.00	76.00	44.00
558	Deoki ka Naka	BANSWARA	Bagidora	Mahi	Anas	MINOR	2005-06	23.328271	74.192958	18.50	253.50	0.55	0.49		40.41	2.40	86.00	28.73	92.07
559	Gangar-Talai	BANSWARA	Bagidora	Mahi	Anas	MINOR	1966-67	23.239066	74.169733	8.00	NA	0.32	0.28	NA	NA	NA	67.00	52.00	32.00
570	Kalinjra	BANSWARA	Bagidora	Mahi	Anas	MINOR	2000-01	23.350939	74.307367	11.78	1,835.00	9.59	9.29		429.25	13.65	2,119.00	1,897.00	1,879.02
624	Khodalim	BANSWARA	Bagidora	Mahi	Anas	Minor	NA	23.312225	74.202233	NA	NA	0.54	0.49	NA	128.14	NA	NA	28.00	NA
590	Panchal	BANSWARA	Bagidora	Mahi	Anas	MINOR	2005-06	23.332650	74.214400	15.10	370.00	0.93	0.93		94.35	4.89	163.00	125.00	119.00
627	Ram Ka Munna	BANSWARA	Bagidora	Mahi	Anas	Minor	Old tank	23.255460	74.146286	12.00	61.50	0.33	0.28	NA	NA	NA	42.00	42.00	NA
630	Shergarh Khunta	BANSWARA	Bagidora	Mahi	Anas	Minor	NA	23.339659	74.168896	NA	NA	1.18	1.12	NA	NA	NA	NA	80.97	NA
531	Akheypura	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1955	23.186841	74.476936	5.50	240.00	0.52	0.50	NA	38.77	1.80	83.00	69.00	55.00
548	Budawa	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1995-96	23.231721	74.413775	7.70	590.00	0.43	0.40	NA	45.48	1.83	85.00	30.00	57.00
552	Charkhani	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1990-2000	23.323651	74.399234	19.25	274.50	1.09	0.97	NA	101.12	3.23	227.00	198.00	302.00
560	Ghoradhara	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1975-76	23.208833	74.495812	13.40	396.00	1.34	1.26	NA	86.03	5.79	355.00	245.00	134.00
566	Jhakriya	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1978-79	23.163398	74.437232	12.90	192.00	0.29	0.23	NA	30.79	1.95	67.00	55.00	41.00
568	Jhikli	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1980-81	23.249547	74.442598	8.50	755.00	0.48	0.45	NA	45.28	1.26	116.00	108.00	66.00
584	Nagda	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1988-89	23.150889	74.483018	17.30	407.00	1.44	1.34	NA	87.31	3.60	371.00	276.00	171.00
594	Ramgarh	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1988-89	23.146728	74.493791	10.52	178.00	0.26	0.23	NA	25.75	0.75	49.00	42.00	34.00
595	Rasodi	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1976-77	23.115432	74.406277	7.60	396.00	0.24	0.23	NA	22.64	0.76	39.00	34.00	26.00
629	Saran patela Ka Naka	BANSWARA	Kushalgarh	Mahi	Anas	Minor	1988-89	23.270853	74.431386	12.54	165.00	0.54	0.54	NA	54.45	2.40	136.00	128.34	73.00
601	Sonaria	BANSWARA	Kushalgarh	Mahi	Anas	MINOR	1996-97	23.224805	74.472271	15.00	668.50	4.25	3.77		233.16	6.66	912.00	771.00	785.93
605	Udaigarh Vasuni	BANSWARA	Kushalgarh	Mahi	Anas	MINOR		23.172097	74.430033				0.17					15.78	
532	Andeshver	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1972-73	23.293937	74.372509	8.80	261.00	0.52	0.51	NA	39.11	1.71	38.00	26.00	24.00
608	Badwas	BANSWARA	Sajjangarh	Mahi	Anas	Minor	1980-81	23.211569	74.378340	7.60	817.00	0.25	0.20	NA	24.17	0.60	53.00	50.61	30.00
539	Bhamri Tandi	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1996	23.269570	74.342439	17.00	464.00	2.50	2.26		157.07	8.37	448.00	403.00	395.80
544	Biyapada	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1976-77	23.158307	74.368228	15.00	686.00	4.93	4.74		260.61	9.90	692.00	1,000.00	445.00
616	Chanawala	BANSWARA	Sajjangarh	Mahi	Anas	Minor	NA	23.338553	74.317314	NA	NA	0.23	0.21	NA	NA	NA	NA	36.84	NA
549	Chandela	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	N.A.	23.254632	74.266434	-	-	0.23	0.50	4.00		-	-	95.00	-
553	Chatra kunta	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1981-82	23.179214	74.272880	15.34	388.00	1.15	1.07	NA	95.09	3.66	203.00	191.00	153.00
554	Choti Tandi	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1978-79	23.152474	74.290700				1.70					367.00	
563	Goyaka Parsad	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1981-82	23.191466	74.290266	14.41	608.00	2.22	1.90		140.37	7.30	494.00	444.00	271.15

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
564	Himmatgarhi	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	2001-02	23.117889	74.360871	12.84	679.00	1.85	1.60		147.02	4.62	345.00	302.00	229.46
577	Magerda	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	Old Tank	23.255908	74.379392	NA	366.00	0.23	0.21	NA	45.28	1.80	77.00	73.00	58.00
582	Maska	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1975-76	23.130832	74.348636	12.20	265.00	0.57	0.55	NA	45.28	0.99	115.00	110.00	79.00
587	Navagaon	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1994-95	23.213833	74.353253	15.17	426.00	1.46	1.31	NA	95.09	2.10	256.00	234.00	187.00
597	Sajjangarh	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1991-92	23.260889	74.292669	9.15	895.00	0.29	0.26	NA	62.85	0.99	51.00	41.00	37.00
604	Timba Mahudi	BANSWARA	Sajjangarh	Mahi	Anas	MINOR	1991-92	23.262115	74.344262				0.35					71.00	
	Sub Basin Total											**43.76**	**43.60**				**8,315.91**	**8,256.27**	**6,160.43**
1757	Amarpura	DUNGARPUR	Simalwara	Mahi	Bhadar	MINOR	2004-05	23.480405	73.808660	20.02	423.00	15.20	13.59	3.22	41.26	37.77	1,799.00	1,601.00	1,820.00
1763	Bhadar	DUNGARPUR	Simalwara	Mahi	Bhadar	MINOR	1969-70	23.564096	73.839433	14.32	1,035.00	4.75	4.30	1.34	9.32	19.00	875.00	670.00	535.00
1782	Gallon	DUNGARPUR	Simalwara	Mahi	Bhadar	MINOR	1973-74	23.543702	73.782880	11.53	183.00	0.38	0.31	8.00	77.00	2.91	45.00	41.00	32.00
1843	Watota	DUNGARPUR	Simalwara	Mahi	Bhadar	Minor		23.470469	73.777340	-	390.00	0.22	1.32	N.A.	1,830.00	2.01	99.00	299.05	75.00
	Sub Basin Total											**20.55**	**19.52**				**2,818.00**	**2,611.05**	**2,462.00**
1629	Munjwa	CHITTAURGARH	Bari Sadri	Mahi	Jakham	MINOR	State Time	24.323481	74.474607	9.37	0.32	0.53	0.46	-	60.56	1.41	70.00	160.00	53.04
1795	Kamalia	DUNGARPUR	Aspur	Mahi	Jakham	MINOR	1981-82	23.936054	74.315599	10.32	125.00	0.34	0.30			1.44	87.00	74.00	48.00
1797	Kanodia	DUNGARPUR	Aspur	Mahi	Jakham	MINOR	1999-2000	23.915922	74.242796	10.02	318.00	0.53	0.52			2.40	90.00	74.00	80.00
2709	Delva	PRATAPGARH	Dhariawad	Mahi	Jakham	MINOR	1990-91	23.992730	74.280330	12.00	100.00	0.73	0.66		98.20	3.16	164.08	128.00	96.04
2713	Gagri	PRATAPGARH	Dhariawad	Mahi	Jakham	MINOR	1979-80	24.133581	74.300549	15.00	615.00	6.41	5.66		708.07	17.30	1,310.00	1,080.00	647.92
2714	Gopalpur	PRATAPGARH	Dhariawad	Mahi	Jakham	MINOR	1979-80	24.177778	74.418056	17.00	501.00	0.20	0.15	NA	67.52	2.44	29.00	29.00	23.00
2716	Karmari pick up weir	PRATAPGARH	Dhariawad	Mahi	Jakham	MINOR		24.158398	74.467172				4.73					676.00	
1688	Khoki	PRATAPGARH	Dhariawad	Mahi	Jakham	Minor		24.133887	74.322362	18.10	200.00	2.01	1.61	28.60	2,021.00		423.00	551.00	496.00
2723	Naaglia pick up weir	PRATAPGARH	Dhariawad	Mahi	Jakham	MINOR		24.159203	74.516948				5.00					715.00	
2728	Tejad	PRATAPGARH	Pratapgarh	Mahi	Jakham	MINOR	State Time	24.017019	74.693152	5.72	0.37	0.29	0.13	-	12.57	0.70	55.00	19.00	40.49
3298	Rawat bore	UDAIPUR	Lasadiya	Mahi	Jakham	MINOR	2005-06	24.274531	74.293720	19.20	195.00	2.67	2.36		250.23	15.69	617.00	482.00	553.79
3317	Tarkati ka naka	UDAIPUR	Lasadiya	Mahi	Jakham	MINOR	1978-79	24.283044	74.283465	9.00	240.80	0.35	0.34		53.63	3.87	116.60	74.00	39.00
3214	Dagocha	UDAIPUR	Salumbar	Mahi	Jakham	MINOR	1980-81	23.933959	74.248778	8.80		0.72	0.31		41.23	6.99	165.07	149.00	89.00
3279	Manpur	UDAIPUR	Salumbar	Mahi	Jakham	MINOR	1957	24.011111	74.255556	10.50	258.50	3.61	2.95		226.56	12.30	664.00	597.00	418.00
	Sub Basin Total											**18.38**	**25.18**				**3,790.75**	**4,808.00**	**2,584.28**
612	Amba	BANSWARA	Anandpuri	Mahi	Mahi	Minor	NA	23.351162	74.081228	NA	NA	0.32	0.29	NA	NA	NA	NA	69.00	NA
622	Jher	BANSWARA	Anandpuri	Mahi	Mahi	Minor	1991-92	23.333913	74.070913	12.50	756.00	1.03	0.97	NA	156.13	6.33	246.00	199.19	159.00
589	Padla	BANSWARA	Banswara	Mahi	Mahi	MINOR	1970-71	23.513997	74.350470	9.45	103.60	0.21	0.21	NA	26.26	1.20	54.00	48.00	29.00
611	Sagbari	BANSWARA	Banswara	Mahi	Mahi	Minor	1977-78	23.489763	74.363482	8.50	NA	0.65	0.55	NA	58.86	NA	95.00	89.88	58.00
598	Samriya	BANSWARA	Banswara	Mahi	Mahi	MINOR	NA	23.428026	74.421039				0.83					140.00	
614	Bhagora	BANSWARA	Garhi	Mahi	Mahi	Minor		23.591655	74.197953	9.87	1,143.00	3.24	2.56	N.A.	10,575.00	13.56	628.00	574.00	292.00
620	Footan	BANSWARA	Garhi	Mahi	Mahi	Minor		23.572144	74.231429	10.28	756.00	3.35	3.06	N.A.	11,520.00	11.67	588.00	546.00	437.00
610	Naya Talab	BANSWARA	Garhi	Mahi	Mahi	Minor		23.593749	74.240742	7.60	300.00	0.20	0.10	NA	26.91	0.75	47.00	17.00	24.00
545	Borda	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1978-79	23.779712	74.310332	10.80	320.00	1.19	1.00	NA	64.52	6.84	298.00	214.00	136.00
547	Borpi-Kerig	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1978-80	23.866667	74.498611	11.30	274.00	0.51	0.50	NA	41.66	3.90	163.00	119.00	71.00
551	Chapron ka Naka	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1978-79	23.843471	74.466618	9.75	280.00	0.20	0.19	NA	27.17	5.55	37.00	31.00	26.00
617	Chirola	BANSWARA	Ghatol	Mahi	Mahi	Minor	NA	23.740746	74.287292	NA	NA	0.34	0.31	NA	NA	NA	NA	22.27	NA
555	Cundai	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1990-91	23.812297	74.491419	14.77	310.00	0.53	0.47	NA	64.89	2.70	237.00	115.34	166.00
618	Delwara	BANSWARA	Ghatol	Mahi	Mahi	Minor		23.832250	74.389778				1.75					328.00	
619	Dudkaii	BANSWARA	Ghatol	Mahi	Mahi	Minor	1988-89	23.811771	74.338095	15.85	332.00	1.27	1.08	NA	102.47	4.87	251.00	207.00	155.00
562	Gorcha	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1983-84	23.811150	74.508737	11.94	320.00	0.86	0.84	NA	174.33	2.10	167.00	187.00	109.00
609	Haro	BANSWARA	Ghatol	Mahi	Mahi	Minor		23.770139	74.392187				11.66					1,845.00	
565	Jagpura	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1979-80	23.856034	74.352605	13.10	555.00	1.48	1.47	NA	110.37	4.26	304.00	266.00	170.00
623	Khatia	BANSWARA	Ghatol	Mahi	Mahi	Minor	1976-77	23.742037	74.428405	12.50	180.00	1.39	1.32	NA	108.22	NA	304.00	265.99	188.00
575	Kundla	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1975-76	23.836304	74.330662	7.00	NA	0.64	0.64	NA	72.17	NA	135.00	121.00	74.00
581	Mahuwal Delwara	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1976-77	23.838299	74.390234	9.15	300.00	0.21	0.20	NA	47.40	1.02	34.00	32.00	23.00
625	Makanpura	BANSWARA	Ghatol	Mahi	Mahi	Minor		23.804625	74.427341	12.19	1,845.00	4.87	4.64	N.A.	6,432.00	6.30	503.56	460.00	437.00
583	Memkhore	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1966-67	23.654302	74.461198	NA	255.00	4.20	3.58		174.33	9.00	877.00	723.00	364.23
592	Phata	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1976-77	23.815658	74.302676	9.15	208.00	0.52	0.47	NA	64.30	3.51	98.00	98.00	67.00
600	Sompura	BANSWARA	Ghatol	Mahi	Mahi	MINOR	Old Tank	23.660529	74.519150	7.60	84.00	0.33	0.29	NA	41.18	0.42	46.00	41.00	22.00
603	Syhampura	BANSWARA	Ghatol	Mahi	Mahi	MINOR	1976-78	23.905320	74.457964				0.44					117.00	
631	Vareth	BANSWARA	Ghatol	Mahi	Mahi	Minor	1987-88	23.833746	74.488008	11.20	380.00	0.63	0.51	NA	72.79	4.35	117.00	91.90	74.00
1772	Bodigama	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	1972-73	23.836651	74.091289	12.20	52.40	3.84	4.53		707.00	10.50	350.00	328.00	267.00
1790	Hariyala	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	1982-83	23.863701	73.970663	8.17	324.00	0.73	0.73			4.80	119.00	88.00	78.00
1798	Kanthri	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	1955-56	23.915558	73.993995	10.51	209.00	2.55	2.33		159.00	8.34	450.00	419.00	384.00
1800	Khankan	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	1981-82	23.869407	74.304293	8.83	340.00	0.56	0.51			4.02	165.00	139.00	77.00
1805	Laxmisore	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	1955-56	23.863889	74.087500	8.50	515.00	0.73	0.70			1.20	103.00	79.00	35.00
1807	Machelia	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	1990-91	23.922013	74.352830	10.88	302.00	0.34	0.30			1.15	67.00	49.00	44.00
1814	Movai	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	State time	23.852631	73.999988	5.90	961.00	0.85	1.03			3.90	132.00	132.00	96.00
1816	Pachiasa	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	1968-69	23.890247	74.108325	7.10	520.00	1.36	1.25			3.18	229.00	188.00	
1822	Punjpur	DUNGARPUR	Aspur	Mahi	Mahi	MINOR	Old State tank	23.879722	74.022733	7.62	205.00	2.60	3.34		360.71	12.60	599.00	582.00	469.00
1793	Jogiwara	DUNGARPUR	Dungarpur	Mahi	Mahi	MINOR	1990-91	23.822600	73.936743	8.63	251.00	0.45	0.29			1.50	63.90	49.00	66.00
1802	Kolkhanda	DUNGARPUR	Dungarpur	Mahi	Mahi	MINOR	1974-75	23.810812	73.948805	9.90	175.00	0.35	0.31			1.10	30.00	23.00	20.00
1756	Akhaypur	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1955-56	23.781217	74.001053	4.30	360.00	1.30	1.19	25.91	83.00	4.19	156.00	130.00	40.00
1764	Bhaga Memor	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1976-77	23.652561	74.114879	8.80	294.00	0.23	0.21	8.00	27.00	2.07	52.00	40.00	24.00

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1765	Bhasore	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1969-70	23.788997	73.969116	14.00	269.00	1.42	1.27	42.60	135.00	5.67	255.00	213.00	73.00
1767	Bhkuchia	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1958-59	23.736549	74.069297	6.00	200.00	0.38	0.29	7.20		2.55	47.00	36.00	29.00
1778	Dolwario Ka Oda	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	2002-03	23.654128	74.119380	10.20	360.00	0.58	0.50	0.17	2.17	2.46	110.50	85.00	76.70
1779	Gada Jhumji	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1998-99	23.719249	74.092095	8.50	506.00	1.25	1.11	0.35	4.02	4.44	267.50	176.00	217.00
1781	Galiyana	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1980-81	23.797268	74.016661	12.72	296.00	1.39	2.23		351.00	9.75	556.00	467.00	352.00
1786	Ghatod	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	State	23.791324	74.008886	6.25	1,005.00	0.74	0.68	28.02	228.00	2.88	216.00	140.00	108.00
1791	Jethana	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1966-67	23.651917	74.074688	9.00	285.00	1.30	1.16	53.93	315.00	6.75	351.00	270.00	168.00
1792	Jhanjhari	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1998	23.791257	74.046631	9.25		0.77	0.77	148.00	105.35	7.32		138.00	188.00
1812	Mehton Ka Padla	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1992-93	23.590573	73.943706	14.74	353.00	0.80	0.71	28.60	100.00	3.06	219.00	143.00	150.60
1830	Tajore	DUNGARPUR	Sagwara	Mahi	Mahi	MINOR	1965-66	23.695330	74.043967	12.00	119.00	1.10	1.08	30.77	100.00	1.71	194.00	154.00	77.00
1759	Baba ki Bar	DUNGARPUR	Simalwara	Mahi	Mahi	MINOR	1961-62	23.527259	73.941096	10.20	105.00	3.13	2.89	1.06	9.42	21.45	625.00	532.00	478.00
1766	Bhenka Naka	DUNGARPUR	Simalwara	Mahi	Mahi	MINOR		23.447899	73.870731				3.93					447.00	
1836	Chandela	DUNGARPUR	Simalwara	Mahi	Mahi	Minor	N.A.	23.564649	73.870571	-	-	0.23	0.23	4.00		-	-	20.00	-
1801	Kochari Ambada	DUNGARPUR	Simalwara	Mahi	Mahi	MINOR	1990-91	23.411076	73.901479	12.92	172.00	0.22	0.21	7.64	36.00	1.93	52.60	38.00	49.00
1826	Semaliya	DUNGARPUR	Simalwara	Mahi	Mahi	MINOR	1976-77	23.560066	73.954504				0.88					163.00	
2718	Khokharia Ka naka	PRATAPGARH	Dhariawad	Mahi	Mahi	MINOR	1979-80	23.909722	74.512500	13.50	666.00	0.67	0.62		88.46	3.93	168.29	144.00	89.00
2731	Linknia	PRATAPGARH	Dhariawad	Mahi	Mahi	Minor	1979-80	23.971161	74.488418	12.00	337.50	0.33	0.31		62.26	0.87	60.26	55.84	36.00
2721	Male	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	1976-77	23.829167	74.581944	17.00	563.00	5.64	5.11		407.52	7.92	1,281.00	1,076.00	584.39
2722	Morwania	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	1981-82	23.759722	74.570833	11.11	453.80	1.15	1.11	NA	85.13	2.94	203.00	203.00	116.00
2724	Naya Talab	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	Old Tank	23.679614	74.531934	7.60	300.00	0.20	0.17	NA	26.91	0.75	47.00	40.00	24.00
2726	Sagbari	PRATAPGARH	Peepalkhoont	Mahi	Mahi	MINOR	1977-78	23.786262	74.577981	8.50	NA	0.65	0.56	NA	58.86	NA	95.00	90.00	58.00
2708	Boria	PRATAPGARH	Pratapgarh	Mahi	Mahi	MINOR	1983-84	23.905832	74.552123	19.35	520.00	4.42	4.10		318.37	2.90	825.00	736.00	583.00
	Sub Basin Total											**70.43**	**86.57**				**13,318.61**	**14,580.41**	**8,137.92**
1837	Bor Ka Bhatra	DUNGARPUR	Bichhiwara	Mahi	Moran	Minor		23.775036	73.718649				0.63					134.00	
1785	Genji	DUNGARPUR	Bichhiwara	Mahi	Moran	MINOR	1954-55	23.718360	73.689079	8.99	386.00	0.65	0.62	20.81	89.00	3.15	140.00	108.00	77.00
1787	Ghorion Ka Naka	DUNGARPUR	Bichhiwara	Mahi	Moran	MINOR		23.708890	73.723939	14.44	206.00	0.63	2.69	21.40	62.00	4.71	140.00	410.00	68.00
1817	Padra	DUNGARPUR	Dungarpur	Mahi	Moran	MINOR	1956-57	23.734294	73.840247	11.00	172.00	0.39	0.31	11.80	65.00	2.10	72.00	59.00	35.00
1760	Badwas	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1980-81	23.584306	74.024133	7.60	817.00	0.25	0.20	NA	24.17	0.60	53.00	51.00	30.00
1770	Billa Badgama	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1970-71	23.688129	73.865288	8.90	378.00	0.25	0.25	6.60	61.00	3.29	41.00	33.00	20.00
1773	Borekhed	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1985-86	23.638920	73.961084	16.75	177.00	1.28	1.14	36.00	183.00	2.52	263.00	180.00	176.00
1774	Dalyana	DUNGARPUR	Sagwara	Mahi	Moran	MINOR		23.617532	73.966467	-	-	0.66	0.66	21.80	-	-	-	84.00	
1775	Decha	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1976-77	23.659012	73.887026	8.27	298.00	0.28	0.27	4.00	42.00	2.39	44.00	34.00	19.00
1784	Garadia	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1969-70	23.729723	73.866871	6.00	180.00	0.23	0.21	1.60	49.00	0.72	40.00	8.00	5.00
1804	Laxmansagar	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	State	23.635349	74.008855	18.60	88.00	4.41	4.11	8.40	367.00	3.29	135.00	43.00	32.00
1841	Lodiser	DUNGARPUR	Sagwara	Mahi	Moran	Minor	1956-57	23.666035	73.916238	16.02	447.40	11.94	10.05	3.24	50.26	65.94	2,363.00	1,619.00	1,336.00
1806	Loharia	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	State	23.680556	74.022222	6.00	750.00	0.85	0.71	13.00		4.50	81.00	65.00	49.00
1811	Margia	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1984-85	23.743544	73.813678	17.74	360.00	4.90	4.59	1.73	33.39	24.36	1,137.00	866.00	656.00
1819	pdoser	DUNGARPUR	Sagwara	Mahi	Moran	MINOR		23.664572	73.916579				10.05					1,619.00	
1820	Phavata	DUNGARPUR	Sagwara	Mahi	Moran	MINOR		23.655182	73.866156				1.87					322.00	
1831	Tamtia	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1970-71	23.708610	73.950531	12.00	750.00	1.20	0.93	1.34	12.08	7.50	865.00	670.00	531.00
1832	Thakroa	DUNGARPUR	Sagwara	Mahi	Moran	MINOR	1975-76	23.696966	73.968914	7.64	490.00	0.51	0.50	12.00	458.00	3.42	64.00	48.00	48.00
	Sub Basin Total											**28.43**	**39.79**				**5,438.00**	**6,353.00**	**3,082.00**
1769	Bhudan Ka Vela	DUNGARPUR	Aspur	Mahi	Som	MINOR	1973-74	23.881507	74.164582	10.25	183.00	0.27	0.23			1.02	39.00	39.00	27.00
3186	Ambamata	UDAIPUR	Salumbar	Mahi	Som	MINOR	2007	24.178546	74.112874	20.60	393.00	3.37	1.10	0.54	438.50	21.30	1,507.00	1,215.00	815.00
3190	Bandora	UDAIPUR	Salumbar	Mahi	Som	MINOR	1967	24.167057	74.096538	11.25	487.00	4.79	4.16		208.00	18.03	1,310.00	979.00	587.00
3227	Gopalpura	UDAIPUR	Salumbar	Mahi	Som	MINOR	1990	24.032269	74.148193				0.01					103.00	
3243	Jhinjhni	UDAIPUR	Salumbar	Mahi	Som	MINOR	NA	23.941530	74.222865			0.92	0.92		9.25	4.80	104.79	105.00	59.00
3261	Kothar	UDAIPUR	Salumbar	Mahi	Som	MINOR	1960	24.010078	74.201233	8.50		0.54	0.54		71.37	2.70	116.52	97.00	62.00
3273	Madar ka Naka	UDAIPUR	Salumbar	Mahi	Som	MINOR	1978	24.085047	74.181397	8.50	345.00	2.07	1.94		71.36	4.80	439.00	366.00	219.00
3275	Malpur	UDAIPUR	Salumbar	Mahi	Som	MINOR	1963	24.145848	74.139710	11.70	213.00	1.22	1.10		144.10	9.78	Included in Ambamata Project	210.00	Included in Ambamata Project
3303	Salumber	UDAIPUR	Salumbar	Mahi	Som	MINOR	Old Jagir Tank	24.138433	74.036632	11.28	457.00	0.85	0.85		250.89	1.65		121.55	
3304	Sanjela	UDAIPUR	Salumbar	Mahi	Som	MINOR	1989	24.040696	74.187995			0.69	0.67	200.00	7.45	1.20		136.00	96.00
3305	Sarvaria	UDAIPUR	Salumbar	Mahi	Som	MINOR	1980	24.048186	74.054016	9.50	731.00	0.41	0.37		75.89	3.00	118.00	75.00	45.00
3321	Tuta mahuda	UDAIPUR	Salumbar	Mahi	Som	MINOR	1957-58	24.090862	74.107436	9.75		0.16	0.16		55.00	3.24	60.60	34.00	21.00
	Sub Basin Total											**15.29**	**12.05**				**3,694.91**	**3,480.55**	**1,931.00**
	Basin Total											**196.84**	**226.71**				**37,376.19**	**40,089.28**	**24,357.62**
2001	Gomi X bund	JALORE	Chitalwana	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.854382	71.634089	4.94	2,394.00	0.68	0.48	-	289.40	-	-	107.50	107.50
2007	Isrol X bund	JALORE	Chitalwana	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.839035	71.584665			0.18	0.18	-		-	-	41.27	41.20
1970	Bamanwara bund	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.634930	72.331395				0.13					17.00	
2111	Gang Tank	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	Minor		24.735930	72.112501				0.38					75.00	
2010	Jalera bund	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.773759	72.169695	7.05	375.64	0.19	0.19	-	18.48		42.00	35.00	26.00
2011	Jetpur bund	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.662333	72.287214	11.16	1,240.00	2.50	16.59	0.96	707.00	17.22	2,138.49	1,819.00	2,738.55
2047	Pal bund	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.782583	72.117888	7.52	1541 ft.	0.51	0.50	-	76.98			32.37	32.37
2048	Palera bund	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.745167	72.123134	7.74	1,463.00	0.83	0.20		271.42	-	113.31	56.00	50.51
2065	Raniwara Khadeen	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.774410	72.194614				0.21					56.00	

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2075	Santru bund	JALORE	Raniwara	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.795339	72.096224	25.13 ft.	1800 ft	0.51	0.49	-	76.41		83.00	44.00	44.00
1992	Dhamana X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.809386	71.781084	3.90	568.00	0.20	0.15	-	51.95	-	-	45.00	45.00
2108	Gundav X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	Minor		24.805621	72.001250				0.41					35.90	
2002	Hakara X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.846774	71.960459	16 ft	8800 ft	1.13	1.13	-	742.87	-	-	110.00	264.00
2008	Jajuson X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.751283	71.811259	17.55 ft	3540 ft	1.07	1.07	-	548.34	-	-	142.00	142.00
2009	Jakhal X Bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.858876	71.802199				0.73					60.12	
2015	Kantol Tank	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.743568	71.881350		870 ft	0.06	0.05	-	28.30	-	-	32.77	32.77
2021	Khara X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.878020	71.992852				0.26	-	4.76	-	-	56.00	18.00
2028	Lachiwara X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.714879	72.014824	21.00 ft	980 ft	0.25	0.22	-	73.01	-	-	57.00	115.00
2033	Lalpura X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.683445	71.684652	5.07	2,480.00	0.52	0.43	-	275.00	-	-	151.00	151.00
2039	Meerpura I X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.857367	72.000597	5.97	1,337.00	2.51	0.49	-	130.40	-	161.00	145.00	125.00
2044	Nenol X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.695994	71.884270	17.50 ft	1730 ft	0.37	0.37	-	872.79	-	-	76.00	178.80
2055	Pur X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.821803	71.898114		1010 ft	0.20	0.20	-	13.44	-	-	64.00	
2072	Sankar I X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.750000	72.000000	14.62 ft	1300 ft	0.47	0.45	-	60.78	-	-	103.60	103.60
2073	sankar II X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.750352	71.992260	14.60 ft	1140 ft	0.34	0.31	-	73.58	-	-	64.00	64.00
2077	Sarnau Tank	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.784573	71.949814	17.85 ft	2505 ft	0.85	0.85	-	100.74	-	-	147.00	40.00
2080	Sedia X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.829778	71.975464	4.58	3,440.00	1.22	0.87	-	792.85	-	-	64.00	187.45
2088	Surawa X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.675349	71.958697				0.51					101.00	101.00
2103	Verol Palader bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.684840	71.818737	5.80	690.00	0.21	0.21	-	326.00	-	-	35.70	35.70
2104	Vodha I X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.857417	71.944687			0.31	0.31					44.53	44.53
2105	Vodha II X bund	JALORE	Sanchore	Other Nallahs Of Jalore	Other Nallahs Of Jalore	MINOR		24.862614	71.946796	15.00 ft	2300 ft	0.14	0.14	-	98.48	-	-	32.37	32.37
	Basin Total											**15.23**	**28.51**				**2,537.80**	**3,850.13**	**4,720.35**
2189	Kirodi	JHUNJHUNUN	Nawalgarh	Outside Basin	Sub 3	Minor	1989	27.738420	75.442100	3.04	490.00	0.26	0.24	NA	40.01	1.72	65.00	64.00	42.00
2190	Kot Sikray	JHUNJHUNUN	Udaipurwati	Outside Basin	Sub 3	Minor		27.715474	75.448525				0.76					24.00	
2933	Hatyas	SIKAR	Piprali	Outside Basin	Sub 3	Minor	1989	27.610809	75.398662	NA	NA	0.40	0.36	NA	43.72		50.00	12.00	43.00
2940	Sikray	SIKAR	Piprali	Outside Basin	Sub 3	Minor		27.655503	75.402771				0.10					24.00	
	Sub Basin Total											**0.66**	**1.46**				**115.00**	**124.00**	**85.00**
1513	Ridmalsar bund	BIKANER	Bikaner	Outside Basin	Sub 4	MINOR		28.034240	73.424867				0.06					12.00	
1514	Sobhasar Bund	BIKANER	Bikaner	Outside Basin	Sub 4	MINOR		28.148697	73.240761				0.05					14.00	
1486	Bhikadai Khadeen	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.786244	72.674218				0.05					11.00	
1488	Chak Bund I	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.841858	72.908223				0.03					75.00	
1489	Chak Bund II	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.815747	72.875639				0.03					59.00	
1490	Chak bund IV	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.838867	72.847270				0.29					12.00	
1491	Chak Bund-II	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.835847	72.883196				0.15					52.00	
1492	Chak Dadar Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.858619	72.860619				0.04					25.00	
1493	Chak Kanya Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.752787	72.811037				0.09					10.50	
1494	Chak Kudi Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.872243	72.815953				0.10					14.00	
1495	Chak Madhosing bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.853617	72.800819				0.11					78.50	
1496	Chak Soliya Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.862882	72.828533				0.13					20.00	
1515	Chak Soliya Khadeen	BIKANER	Kolayat	Outside Basin	Sub 4	Minor		27.875128	72.832878				0.13					18.59	
1497	Dand Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		28.176340	72.400812				0.08					25.00	
1498	Gadiyala bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.734467	72.600426				0.14					39.00	
1517	Ganga Sarovar	BIKANER	Kolayat	Outside Basin	Sub 4	Minor	1903	27.950634	72.937555	3.70	3,000.00	1.98	1.38	0.93	326.63	4.32	375.50	395.00	331.50
1500	Gurah Bundh	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.916367	72.800566				0.07					25.60	
1501	Hema Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR	1941	27.750000	72.733333				1.98					566.82	
1503	Kamisar Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.714545	72.777838				0.09					13.46	
1504	Kodamdesar bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		28.046414	73.079608				0.02					25.00	
1505	Mandal Bhatiyan	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.752356	72.706395				0.05					10.50	
1506	Meghwal Khadeen	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.832854	72.887545				0.29					16.30	
1507	Mevali Khadeen	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		28.239043	72.347410				0.03					9.00	
1508	Mud bund-I	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.877126	72.932319				0.29					80.00	
1509	Mud Bund-II	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.862079	72.918023				0.29					24.00	
1510	Raneji Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.739363	72.744636				0.08					13.40	
1511	Rekha Ranasar Bund	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		27.963748	72.962203				0.08					13.00	
1512	Revtai Khadeen	BIKANER	Kolayat	Outside Basin	Sub 4	MINOR		28.008055	72.039664				0.07					17.00	
1502	Hoala bund	BIKANER	Nokha	Outside Basin	Sub 4	MINOR		27.660736	73.605352				0.09					24.00	
2932	Ganoda	SIKAR	Danta Ramgarh	Outside Basin	Sub 4	Minor		27.411831	75.267390				0.35					45.00	
2934	Kochor	SIKAR	Danta Ramgarh	Outside Basin	Sub 4	Minor		27.447308	75.236564				0.10					19.00	
2937	Reeta	SIKAR	Danta Ramgarh	Outside Basin	Sub 4	Minor	1984	27.413248	75.232152	7.50	660.00	1.03	0.96	0.27	59.47		282.00	276.00	274.00
2938	Sawaipura	SIKAR	Danta Ramgarh	Outside Basin	Sub 4	Minor	2007	27.459928	75.255795	9.60	750.00	0.37	0.28	0.53	58.59	1.86	159.00	137.00	65.00
2935	Mogipura	SIKAR	Khandela	Outside Basin	Sub 4	Minor		27.615784	75.449206				0.87					232.00	
2923	Peepolai Bund	SIKAR	Lachhmangarh	Outside Basin	Sub 4	MINOR		27.656908	74.854813				0.87					64.73	
2931	Baral	SIKAR	Piprali	Outside Basin	Sub 4	Minor	1988	27.580927	75.364104	3.00	610.00	0.21	0.20	0.05	49.10		28.00	12.00	31.08
2942	Gudha Khurd	SIKAR	Piprali	Outside Basin	Sub 4	Minor	1989	27.569665	75.381786				0.29					119.00	
2909	Haripura	SIKAR	Piprali	Outside Basin	Sub 4	MINOR	1988	27.541667	75.300000	6.00	615.00	34.98	0.96	0.36 sq. km	97.96cumec	1.77	348.00	343.00	275.00
2936	Nagal	SIKAR	Piprali	Outside Basin	Sub 4	Minor	1988	27.553434	75.422135				0.94					162.00	

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2930	Pharaswali Dhani	SIKAR	Piprali	Outside Basin	Sub 4	Minor	2011	27.556049	75.341823	10.00	990.00	1.07	0.86	0.516 sq. km	185.06 cumec	4.14	289.00	345.00	183.00
	Sub Basin Total											**39.64**	**12.94**				**1,481.50**	**3,453.40**	**1,159.58**
1487	Bhiksingh Khadeen	BIKANER	Kolayat	Outside Basin	Sub 5	MINOR		27.583333	72.900000				0.06					7.00	
1516	Hadia Bund	BIKANER	Kolayat	Outside Basin	Sub 5	Minor		27.661418	72.863347				0.09					24.00	
1499	Gedoya Khadeen	BIKANER	Nokha	Outside Basin	Sub 5	MINOR		27.505292	73.079589				0.08					53.00	
1958	Ramdevra Anicut	JAISALMER	Sankra	Outside Basin	Sub 5	MINOR		27.007966	71.926625				0.80					23.20	
2193	Akhaghana Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.331578	72.171550				0.19					27.00	
2199	Badhaura Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.313850	72.293658				0.17					24.00	
2200	Badi Seer Khadeen II	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.487103	72.452660				0.10					65.00	
2377	Badisid KhadeenI	JODHPUR	Bap	Outside Basin	Sub 5	Minor		27.489776	72.468224				0.20					125.00	
2212	Baowri Khurd Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.211319	72.271198				0.53					76.00	
2213	Bap Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.350329	72.396572				0.11					100.00	
2214	Bari Seer Khadeen I	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.478579	72.451186				0.10					125.00	
2233	Bheem Zila Gaon	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.374875	72.262060				0.06					45.00	
2388	Deganali Ki Dhani	JODHPUR	Bap	Outside Basin	Sub 5	Minor		27.336917	72.452349				0.11					15.00	
2258	Gadna Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.430928	72.374679				0.18					26.00	
2371	Ghantiyala Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	Minor		27.359503	72.884851				0.10					21.00	
2266	Gotharli Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.216244	72.467186				0.17					24.00	
2281	Jemla Khadeen I	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.217281	72.212283				0.15					21.00	
2283	Kanasar Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.439432	72.117967				0.18					25.00	
2284	Kansingh Ki Seed Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.516674	72.513578				0.08					79.00	
2292	Khakhuri Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.357584	72.112692				0.17					24.00	
2313	Manchitiya Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.465119	72.315815				2.09					299.00	
2324	Naya Gaon Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.457416	72.387504				0.30					43.00	
2328	Nokhra Anicut	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.223147	72.935028				0.22					10.00	
2345	Raneri Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.312703	72.142617				0.13					55.00	
2348	Rawara Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.392209	72.168666				0.15					22.00	
2351	Saguri Khadeen	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.290162	72.184525				0.42					60.00	
2354	Sekhasar Khadeen III	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.285663	72.214322				0.20					28.00	
2361	Sutharon Ka Bera	JODHPUR	Bap	Outside Basin	Sub 5	MINOR		27.316041	72.979019				0.12					125.00	
2310	Maghwalon wala Gajsinghpura Anicut	JODHPUR	Bhopalgarh	Outside Basin	Sub 5	MINOR		26.832538	73.453945				0.07					10.35	
2227	Bhakhri Khadeen	JODHPUR	Osian	Outside Basin	Sub 5	MINOR		26.909788	72.605627				0.16					23.00	
2301	Ladu Ki Dhani Anicut	JODHPUR	Osian	Outside Basin	Sub 5	MINOR		26.997729	72.979483				0.11					87.00	
2333	Parasalasar	JODHPUR	Osian	Outside Basin	Sub 5	MINOR		26.866560	72.896995				0.78					112.00	
2376	Satawat Khadeen	JODHPUR	Osian	Outside Basin	Sub 5	Minor		26.974628	72.867867				0.10					70.13	
2194	Amla Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.103699	72.517293				0.07					87.88	
2201	Baigri Kal Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.130230	72.236775				0.10					55.00	
2379	Bawadi Barsinga Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.073295	72.779076				0.54					77.00	
2370	Bhikji ka Baga Anicut	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.236949	72.774996				0.18					23.43	
2249	Chhitar Ka Bandh	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.141991	72.818603				0.15					22.00	
2250	Dediya Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		26.865024	72.103816				0.40					56.60	
2255	Dhelana Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		26.939440	72.627008				0.08					93.00	
2264	Gol Jod Bandh	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		26.987572	72.195015				2.80					297.00	
2277	Jalora Khadeen I	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		26.978149	72.465508				0.46					65.00	
2278	Jalora Khadeen II	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		26.975838	72.425810				0.46					66.00	
2285	Kerala Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.085684	72.824529				0.11					176.00	
2286	Kerla Bandh	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.069631	72.830924				0.40					56.60	
2293	Kharia Anicut	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.228413	73.015410				0.06					8.00	
2400	Kundal Bundh	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.115544	72.263240				0.17					176.00	
2401	Kurj Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.025657	72.133868				0.11					20.00	
2306	Lordia Khadeen I	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.047808	72.432270				0.14					89.00	
2308	Lordiya Khadeen II	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.060664	72.397560				0.15					22.00	
2404	Maliyo ki Dhora Khadeen Phalodi	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.130109	72.347462				0.15					22.00	
2405	Maliyon ka Dhora Khadeen Kheechan	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.137567	72.418582				0.15					21.00	
2406	Meghwalo wala Anicut	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.007897	72.426738				0.12					17.00	
2350	Sadawata Khadeen	JODHPUR	Phalodi	Outside Basin	Sub 5	MINOR		27.129926	72.318716				0.10					70.13	
2418	Thotha Balaji	JODHPUR	Phalodi	Outside Basin	Sub 5	Minor		27.141659	72.415892				0.07					65.00	
2489	Baliya Bund	NAGAUR	Didwana	Outside Basin	Sub 5	MINOR		27.352465	74.529639				0.22					41.10	
2534	Kharibali	NAGAUR	Didwana	Outside Basin	Sub 5	MINOR		27.156641	74.483730				0.18					37.84	
2560	Raghunathpura Bund	NAGAUR	Didwana	Outside Basin	Sub 5	MINOR		27.369634	74.510970				0.01					59.00	
2572	Badi Khatu	NAGAUR	Jayal	Outside Basin	Sub 5	Minor		27.121938	74.282465				0.14					108.46	
2494	Barnel Bund	NAGAUR	Jayal	Outside Basin	Sub 5	MINOR		27.195934	74.256616				0.06					268.00	
2508	Chajoli	NAGAUR	Jayal	Outside Basin	Sub 5	MINOR		27.168883	74.214555				0.08					7.85	
2514	Deadiyakallan Bund	NAGAUR	Jayal	Outside Basin	Sub 5	MINOR		27.125305	73.901862				0.54					256.93	
2520	Firojpura Bund	NAGAUR	Jayal	Outside Basin	Sub 5	MINOR		27.166068	74.318028				0.07					12.61	
2527	Janki Ghati Bund	NAGAUR	Jayal	Outside Basin	Sub 5	MINOR		27.232101	74.326546				0.77					58.18	

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2531	Kanolarka Bas	NAGAUR	Jayal	Outside Basin	Sub 5	MINOR		27.104825	73.902659				0.25					28.00	
2533	Khanwar Bund	NAGAUR	Jayal	Outside Basin	Sub 5	MINOR		27.196158	73.957533				0.29					45.77	
2488	Badikhali bund	NAGAUR	Ladnu	Outside Basin	Sub 5	MINOR		27.329708	74.319824				0.14					43.89	
2552	Palada Bund	NAGAUR	Ladnu	Outside Basin	Sub 5	MINOR		27.531324	74.337242	7.50	810.00	0.22	0.73	-	56.06		65.00	33.67	56.00
2509	Chandi bund	NAGAUR	Makrana	Outside Basin	Sub 5	MINOR		27.203463	74.630654				0.02					165.00	
2526	Hillori Bund	NAGAUR	Mundwa	Outside Basin	Sub 5	MINOR		26.882254	73.699608				0.33					32.36	
2576	Khanolav	NAGAUR	Mundwa	Outside Basin	Sub 5	Minor		27.079866	73.634732				0.25					70.04	
2548	Morchadlan Modi	NAGAUR	Mundwa	Outside Basin	Sub 5	MINOR		26.995176	73.467127				0.12					59.72	
2563	Roon Bund	NAGAUR	Mundwa	Outside Basin	Sub 5	MINOR		26.849249	73.779552				0.13					32.38	
2568	Soliyana Bund	NAGAUR	Mundwa	Outside Basin	Sub 5	MINOR		27.052811	73.791218	4.26	2,606.04	0.62	0.54		113.20	-	254.96	61.52	58.28
2573	Bhanwal	NAGAUR	Nagaur	Outside Basin	Sub 5	Minor		27.205671	73.589402				0.18					44.52	
2569	Surjaniya was Bund	NAGAUR	Nagaur	Outside Basin	Sub 5	MINOR		27.217254	73.932434	9.60	750.00	0.37	0.18	0.53	58.59	1.86	159.00	28.00	65.00
	Sub Basin Total											**1.21**	**20.64**				**478.96**	**4,954.16**	**179.28**
818	Anta khadeen	BARMER	Barmer	Outside Basin	Sub 6	Minor		25.771515	71.091421	2.90	825.00	0.08	0.08	-	51.90	-	11.00	11.00	11.00
698	Bolla Khadeen	BARMER	Barmer	Outside Basin	Sub 6	MINOR		25.828857	71.224063	2.55	1,780.00	0.07	0.07	-	53.75	-	8.00	8.00	8.00
710	Derasar Khadeen I	BARMER	Barmer	Outside Basin	Sub 6	MINOR		25.785019	71.161345	3.18	911.00	0.11	0.11	-	87.80	-	23.54	23.54	23.54
711	Derasar Khadeen II	BARMER	Barmer	Outside Basin	Sub 6	MINOR		25.784022	71.157548	3.70	480.00	0.11	0.11	-	57.54	-	20.10	20.10	20.10
718	Dudaberi Khadeen	BARMER	Barmer	Outside Basin	Sub 6	MINOR		25.962872	71.038107	2.75	810.00	0.03	0.03	-	25.91	-	8.60	8.60	8.60
740	Jaydu Khadeen	BARMER	Barmer	Outside Basin	Sub 6	MINOR		25.833856	71.051653	1.80	310.00	0.06	0.06	-	34.24	-	17.00	17.00	17.00
750	Khadeen village Khadeen	BARMER	Barmer	Outside Basin	Sub 6	MINOR		25.666736	71.088463	3.30	186.00	0.08	0.08	-	16.97	-	10.00	10.00	10.00
753	Khetsingh ka Khadeen (Auta)	BARMER	Barmer	Outside Basin	Sub 6	MINOR		25.777895	71.109426	3.88	387.50	0.11	0.11	-	53.18	-	26.40	26.40	26.40
702	Charanowala Khadeen (Bhadresh)	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.891251	70.880225	2.45	660.00	0.08	0.08	-	65.09	-	6.20	6.20	6.20
703	Charnowala ka khadeen (Devri)	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.921715	70.878283	2.50	1,630.00	0.20	0.20	-	127.24	-	25.00	25.00	25.00
712	Detani Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.821155	70.799280	1.80	915.00	0.05	0.05	-	86.98	-	11.00	11.00	11.00
719	Dudura Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		26.047122	70.855809	2.50	435.00	0.07	0.07	-	72.89	-	20.60	20.60	20.60
724	Gordia Khadeen (Sanapa)	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.969092	70.853113	2.00	532.00	0.05	0.05	-	99.30	-	34.00	34.00	34.00
725	Gordia Khadeen (Sanapa)	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.972095	70.853664	2.70	975.00	0.23	0.23	-	14.71	-	63.82	63.82	63.82
728	Gurdia Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.972249	70.851197	2.80	490.00	0.05	0.05	-	124.76	-	23.20	23.20	23.20
729	Harsani Khadeen II	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.975401	70.765675	2.50	1,010.00	0.13	0.13	-	1,135.00	-	36.15	36.15	36.15
742	Jhankli Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		26.092055	70.884502	2.35	1,005.00	0.11	0.11	-	73.39	-	22.50	22.50	22.50
744	Judia Khadeen II	BARMER	Sheo	Outside Basin	Sub 6	MINOR		26.084901	70.845597	2.60	1,095.00	0.08	0.08	-	63.43	-	20.79	20.79	20.79
746	Kana ka Gaon I Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		26.197378	71.059073	2.65	905.00	0.14	0.14	-	146.80	-	10.00	10.00	10.00
747	Kana ka Gaon II Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		26.200000	71.050000	5.00	387.00	0.34	0.34	-	18.38	-	34.40	34.40	34.40
748	Kapasia Ki Beri Khadeen (Redana)	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.871606	70.999211			0.10	0.10					20.34	
751	Kharchi Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.934564	70.833222	1.70	920.00	0.08	0.08	-	29.54	-	14.00	14.00	14.00
830	Meghwalo ka kn. (Judia)	BARMER	Sheo	Outside Basin	Sub 6	Minor		26.059146	70.861979	2.40	1,008.00	0.09	0.09	-	77.48	-	26.00	26.00	26.00
779	Phogera Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.986879	70.979255	2.55	810.00	0.09	0.09	-	37.52	-	11.00	11.00	11.00
782	Poshma Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		26.061209	70.966732	2.10	815.00	0.08	0.08	-	78.47	-	38.80	38.80	38.80
790	Redana Khadeen	BARMER	Sheo	Outside Basin	Sub 6	MINOR		25.863598	71.000794	2.60	825.00	0.06	0.06	-	74.50	-	13.00	13.00	13.00
	Sub Basin Total											**2.68**	**2.70**				**535.10**	**555.44**	**535.10**
	Basin Total											**44.20**	**37.74**				**2,610.56**	**9,087.00**	**1,958.96**
1730	Chilla Chand	DHAULPUR	Bari	Parbati	Parbati	MINOR	1980	26.591667	77.508333	NA	200.00	0.41	0.39	NA	NA	Bed cultivation	NA	80.90	40.50
1731	D.B.R. Jheel	DHAULPUR	Bari	Parbati	Parbati	MINOR	State time	26.649139	77.663904	NA	1,600.00	2.83	2.26	NA	NA	2.00	131.50	121.10	60.70
1735	Hussinpura	DHAULPUR	Bari	Parbati	Parbati	MINOR	State time	26.640971	77.680419	2.89	1,162.00	0.19	0.96	N.A	N.A	Not Canal	N.A	323.80	N.A
1743	Roond Pura	DHAULPUR	Bari	Parbati	Parbati	MINOR		26.637900	77.555485				0.93					182.10	
1753	Sunipur	DHAULPUR	Bari	Parbati	Parbati	Minor	1980	26.637963	77.555376	NA	500.00	0.14	0.14	NA	NA	Bed cultivation	26.30	24.29	16.20
1745	Talab Shahi	DHAULPUR	Bari	Parbati	Parbati	MINOR	State time	26.621575	77.653199	NA	2,500.00	2.85	2.40	1.50	97.41	4.40	487.40	405.00	190.00
1746	Umreh Bund	DHAULPUR	Bari	Parbati	Parbati	MINOR	State time	26.623611	77.550000	NA	1,300.00	2.12	1.70	NA	NA	4.29	344.12	323.80	161.94
1754	Tarba	DHAULPUR	Baseri	Parbati	Parbati	Minor	1980	26.587386	77.469795	NA	920.00	0.34	0.34	NA	NA	Bed cultivation	78.10	70.44	44.50
1737	Megh Sagar	DHAULPUR	Dhaulpur	Parbati	Parbati	MINOR	State time	26.668019	77.801031	NA	400.00	1.02	0.82	NA	NA	2.00	182.10	161.90	80.90
1739	Narpura Tank	DHAULPUR	Dhaulpur	Parbati	Parbati	MINOR	State time	26.689833	77.821832	NA	1,300.00	0.85	0.81	NA	NA	1.50	48.56	40.50	20.20
1741	Ondela bund	DHAULPUR	Dhaulpur	Parbati	Parbati	MINOR		26.762500	77.850000				0.52					80.90	
1750	Rata Ki Khar	DHAULPUR	Dhaulpur	Parbati	Parbati	Minor	1979	26.760989	77.831131	NA	1,830.00	0.76	0.76	NA	NA	Bed cultivation	NA	276.52	163.00
	Basin Total											**11.51**	**12.03**				**1,298.08**	**2,091.25**	**777.94**
438	Husepur Bund	ALWAR	Kishangarh Bas	Ruparail	Ruparail	MINOR		27.791316	76.837958				0.19					62.70	
445	Jajor Ka Naka	ALWAR	Kishangarh Bas	Ruparail	Ruparail	MINOR		27.700826	76.711569				0.55					109.30	
455	Karoli Ka Naka	ALWAR	Kishangarh Bas	Ruparail	Ruparail	MINOR		27.678361	76.674681				0.45					81.30	
458	Khanpur	ALWAR	Kishangarh Bas	Ruparail	Ruparail	MINOR	-	27.765258	76.793038	10.29	755.00	5.76	5.76	N.A		9,900.00	972.90	603.00	602.00
461	Kho-kh-Naka	ALWAR	Kishangarh Bas	Ruparail	Ruparail	MINOR		27.729279	76.738399				0.17					38.00	
497	Rata Khurd	ALWAR	Kishangarh Bas	Ruparail	Ruparail	MINOR	State Time	27.689419	76.689789	N.A	337.50	1.20	0.20	N.A	N.A	Not Canal	N.A	75.60	N.A
401	Ateria Bund	ALWAR	Ramgarh	Ruparail	Ruparail	MINOR	-	27.665932	76.821713				2.84					24.90	
436	Hans Sarowar	ALWAR	Ramgarh	Ruparail	Ruparail	MINOR	State Time	27.514379	76.747221	N.A	6,090.00	9.24	0.26	N.A	N.A	Not Canal	N.A	98.75	N.A
456	Karoli Ki Batai	ALWAR	Ramgarh	Ruparail	Ruparail	MINOR		27.633139	76.864776				0.17					38.00	

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																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
474	Nagla Banjir Bund	ALWAR	Ramgarh	Ruparail	Ruparail	MINOR	State Time	27.531454	76.748504	2.74	1,620.00	3.02	2.61	N.A	N.A	Not Canal	N.A	809.40	N.A
487	Piproli	ALWAR	Ramgarh	Ruparail	Ruparail	MINOR		27.550000	76.791667				0.90					1,864.40	
414	Bhindusi Bund	ALWAR	Tijara	Ruparail	Ruparail	MINOR		27.886623	76.800216				0.42					69.50	
417	Bilaspur Bund	ALWAR	Tijara	Ruparail	Ruparail	MINOR		27.888437	76.834084				1.18					65.90	
451	Jhiroli Bund	ALWAR	Tijara	Ruparail	Ruparail	MINOR	-	27.824090	76.857848	3.04	1,015.00	3.50	2.77	N.A	217.00	6,390.00	834.00	425.50	
476	Navgaon Khas Bund	ALWAR	Tijara	Ruparail	Ruparail	MINOR		27.884754	76.823320				0.17					46.60	
478	Navgaontek Bund	ALWAR	Tijara	Ruparail	Ruparail	MINOR	State Time	27.882424	76.813936				0.17					39.00	
479	Neemle Bund	ALWAR	Tijara	Ruparail	Ruparail	MINOR	State Time	27.853328	76.929286	5.48	897.00	0.62	0.62	N.A	N.A	Not Canal	N.A	39.00	N.A
521	Training Bund	ALWAR	Umren	Ruparail	Ruparail	MINOR	State Time	27.638438	76.596981	6.40	3,960.00	2.38	0.14	N.A	N.A	Not Canal	N.A	57.00	N.A
523	Vijay Sagar	ALWAR	Umren	Ruparail	Ruparail	MINOR		27.604479	76.583733				1.64					359.80	
844	Ahu Bund	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State Time	27.458014	77.351673	2.23	4,270.00	NA	1.14	2.40	-	Nil	340.00	340.00	340.00
1028	Chulahara bund	BHARATPUR	Deeg	Ruparail	Ruparail	Minor	State Time	27.558414	77.241691	3.96	0.76		0.14	NA	23.77	NA	NA	20.00	NA
888	Chulera	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR		27.553536	77.238541				0.26					48.00	
924	Kakra	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State time	27.461250	77.188724	4.26	1.46	0.60	0.57	NA	22.81	NA	NA	160.00	NA
929	Karmuka	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State time	27.537848	77.230417				0.23					43.30	
937	Khera	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR		27.564960	77.231726				0.28					40.00	
943	Kuchawati	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State Time	27.448339	77.325786	2.99	4,330.00	2.40	2.35	5.28	896.00	Nil	769.00	769.00	769.00
971	Nigohi	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State time	27.521127	77.250467				0.43					135.00	
978	Panhori	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State time	27.445549	77.265574				0.33					42.00	
979	Paposa	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State Time	27.566266	77.214911	3.81	3.90	0.80	0.85	NA	56.60	NA	NA	93.00	NA
1010	Shisam	BHARATPUR	Deeg	Ruparail	Ruparail	MINOR	State time	27.493789	77.298213				2.10					270.00	
843	Agma Bund	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State Time	27.650000	77.205556	2.43	3.35	NA	0.17	NA	53.77	NA	NA	41.00	NA
848	Alampur	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State Time	27.694195	77.312375	2.80	5,700.00		0.43	2.40	750.00	Nil	489.00	330.64	489.00
850	Angrawali	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State Time	27.673778	77.252396	4.87	0.30	NA	0.20	NA	93.39	NA	NA	32.00	NA
880	Bolkhera	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State time	27.663197	77.218254	3.96	0.45		0.20	NA	1.42	NA	NA	68.00	NA
890	Dehu Baroli	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State time	27.584910	77.216015				0.20					32.00	
900	Garh Ajan	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State time	27.684774	77.203347	4.10	0.33		0.13	NA	16.98	NA	NA	8.00	NA
911	Indroli	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State time	27.615266	77.264538	2.74	1.76	NA	0.14	NA	17.72	NA	NA	13.00	NA
1040	Kanawar bundly	BHARATPUR	Kaman	Ruparail	Ruparail	Minor		27.775224	77.089795				0.17					48.58	
1035	Nthwara bundh	BHARATPUR	Kaman	Ruparail	Ruparail	Minor		27.715734	77.240768	N.A	N.A	0.20	3.16	N.A	N.A	Not Canal	N.A	452.00	N.A
980	Papra	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State Time	27.681827	77.001931	6.70	1,280.00	0.30	0.33	1.28	800.00	Nil	777.00	777.00	777.00
992	Sabalgarh	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR		27.754565	77.213378				2.27					1,243.00	
993	Sablana	BHARATPUR	Kaman	Ruparail	Ruparail	MINOR	State time	27.589779	77.265066	4.87	1.00	NA	0.23	NA	50.09	NA	NA	26.00	NA
878	Biyari	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State time	27.529102	77.136294	2.89	5.06		0.20	NA	15.28	NA	NA	1,305.00	NA
889	Dabak	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State Time	27.566552	77.114061	2.51	1,650.00	0.20	0.20	-	700.00	Nil	395.00	159.00	395.00
896	Dehri	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State time	27.500390	77.104864	2.13	3.68	NA	0.28	NA	9.62	NA	NA	418.00	NA
897	Derawana	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State Time	27.584722	77.083333				0.14					379.00	
923	Kaithwara	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State Time	27.599733	77.120690	3.11	4,170.00	0.30	0.28	3.28	392.00	Nil	432.00	755.00	432.00
946	Kurkain	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State Time	27.487851	77.137429	2.96	5.57	0.20	0.20	NA	9.62	NA	NA	65.00	NA
982	Pathroli	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State time	27.650687	77.116588	3.04	5.46	0.30	0.34	NA	17.02	NA	NA	162.00	NA
984	Raff Bund	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR		27.632877	77.152985	2.44	3,170.00	0.30	0.28	0.64	400.00	Nil	432.00	432.00	432.00
1002	Satwari	BHARATPUR	Pahari	Ruparail	Ruparail	MINOR	State time	27.650727	77.136622	2.89	3.20	0.40	0.37	NA	NA	NA	NA	243.00	NA
	Basin Total											**31.72**	**39.81**				**5,440.90**	**13,857.17**	**4,236.00**
3194	Baxa ka Naka	UDAIPUR	Kotra	Sabarmati	Sabarmati	MINOR		24.273190	73.163391				1.98					348.00	
3221	Gamani Ka Naka	UDAIPUR	Kotra	Sabarmati	Sabarmati	MINOR		24.500820	73.134891				0.45					87.00	
3233	Hakawa	UDAIPUR	Kotra	Sabarmati	Sabarmati	MINOR		24.200016	73.128433				0.87					145.00	
3331	Har ka Naka	UDAIPUR	Kotra	Sabarmati	Sabarmati	Minor		24.551192	73.230884				1.35					246.00	
3238	Imli ka naka	UDAIPUR	Kotra	Sabarmati	Sabarmati	MINOR		24.252279	73.144006				1.96					281.00	
3240	Janiwas	UDAIPUR	Kotra	Sabarmati	Sabarmati	MINOR		24.126672	73.184452				0.51					93.00	
3262	Kyara	UDAIPUR	Kotra	Sabarmati	Sabarmati	MINOR		24.521089	73.161254				0.45					83.00	
3306	Sawan Kyara	UDAIPUR	Kotra	Sabarmati	Sabarmati	MINOR		24.225093	73.138600				0.65					131.00	
	Sub Basin Total											-	**8.22**				-	**1,414.00**	-
3195	Bhaga	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.521017	73.042255				1.13					217.00	
3211	Chhapriya	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.553221	73.148257				0.45					88.00	
3246	Kalibore	UDAIPUR	Kotra	Sabarmati	Sei	MINOR	1997	24.701635	73.206661				6.94					518.00	
3263	Kyari	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.695052	73.173380				1.23					246.00	
3277	Mandwa	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.537269	73.110436				0.62					114.00	
3299	Rohini	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.566373	73.087359				1.70					276.00	
3300	Rupni	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.549510	73.136684				0.71					174.00	
3307	Sei pick up weir	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.552987	73.093023				3.26					466.00	
3328	Zed	UDAIPUR	Kotra	Sabarmati	Sei	MINOR		24.536111	73.083333				0.40					61.00	
	Sub Basin Total											-	**16.45**				-	**2,160.00**	-
1758	Ankar Solka Naka	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR		23.619444	73.688889	18.62	23.79	3.72	4.26	1.56	7.37	10.69	998.00	780.00	468.00
1761	Balari Ka Naka	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR	1969-70	23.615976	73.692865	12.49	505.00	0.46	0.41	12.40	45.00	1.49	67.00	62.00	47.00
1771	Bilpan	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR	1955-56	23.649753	73.741382	16.35	240.80	2.89	2.67	0.45	3.33	4.71	257.00	223.00	201.00
1780	Gajpur	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR	1965-66	23.647839	73.765609	17.00	13.20	3.05	3.98	1.54	8.03	11.64	465.00	771.00	780.00
1794	Juda	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR		23.683333	73.650000	14.51	164.00	0.45	0.40	12.80	13.00	4.50	71.00	64.00	46.00

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1844	Kaliyadara	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	Minor	2003-04	23.604873	73.714327				0.48					75.00	
1796	Kankri Sel Ka Naka	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR		23.673527	73.688360				1.95					253.00	
1799	Karawara	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR		23.630131	73.741737				0.31					321.00	
1813	Mewara	DUNGARPUR	Bichhiwara	Sabarmati	Vatrak	MINOR	2002-03	23.711399	73.545860	24.65	595.00	9.40	7.32	2.24	17.09	20.20	1,399.00	1,122.00	1,169.00
1776	Dhambola	DUNGARPUR	Simalwara	Sabarmati	Vatrak	MINOR	State	23.594329	73.766768	7.80	465.00	0.60	0.39	5.60	34.00	2.13	32.00	28.00	14.00
1808	Mandli	DUNGARPUR	Simalwara	Sabarmati	Vatrak	MINOR	1978-79	23.546344	73.652188	10.71	192.00	0.31	0.28	10.80	67.00	2.10	80.00	54.00	32.00
1828	Sithal	DUNGARPUR	Simalwara	Sabarmati	Vatrak	MINOR	2003-04	23.545813	73.702773	5.50	580.00	0.80	0.67	0.15	7.73	2.20	110.40	77.00	62.00
1835	Vatrak	DUNGARPUR	Simalwara	Sabarmati	Vatrak	MINOR	1965-66	23.583519	73.735831	14.38	1,459.00	4.84	4.30	1.12	16.05	16.50	1,531.00	556.00	465.00
	Sub Basin Total											**26.51**	**27.42**				**5,010.40**	**4,386.00**	**3,284.00**
3217	Dewas Stage-I	UDAIPUR	Girwa	Sabarmati	Wakal	MINOR		24.467817	73.561273				3.43					490.49	
3196	Bhardodi	UDAIPUR	Gogunda	Sabarmati	Wakal	MINOR		24.695747	73.496573				0.62					81.00	
3332	Rantho ka naka	UDAIPUR	Gogunda	Sabarmati	Wakal	Minor		24.620556	73.524710				3.14					351.00	
3314	Sukher ka Naka	UDAIPUR	Gogunda	Sabarmati	Wakal	MINOR		24.652119	73.523050				2.52					486.00	
3202	Bhuj Ka naka	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.325000	73.547222				1.84					332.00	
3226	Gopa Mata	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.318933	73.394917				0.48					97.00	
3239	Jada Pipla	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.366196	73.346699				0.62					129.00	
3241	Javli Ka Naka	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.341093	73.396726				0.85					174.00	
3242	Jhadol	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.404428	73.483802				2.49					750.00	
3247	Kantharia	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.314700	73.477185				2.26					410.00	
3260	Koliyari	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.329911	73.384179				0.56					136.00	
3267	Logri Mata	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.388393	73.331433				0.31					89.00	
3276	Manas	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.306484	73.525617				0.85					98.00	
3280	Mohamad phalasia	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.437261	73.471040				1.01					200.00	
3282	Nagmala	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.231222	73.369362				2.21					254.00	
3283	Nal	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.447638	73.462702				0.14					29.00	
3288	Ogna	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.521513	73.339012				7.00					1,250.00	
3319	Tindol ka naka	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.327407	73.542797				0.62					142.00	
3326	Velnia	UDAIPUR	Jhadol	Sabarmati	Wakal	MINOR		24.428187	73.471811				0.14					41.00	
3199	Bhenta ka Naka	UDAIPUR	Kotra	Sabarmati	Wakal	MINOR		24.513077	73.240564				0.74					146.00	
3228	Goria	UDAIPUR	Kotra	Sabarmati	Wakal	MINOR		24.531907	73.244181				1.07					121.00	
3244	Jogiwada	UDAIPUR	Kotra	Sabarmati	Wakal	MINOR		24.436042	73.215374				6.30					1,000.00	
3308	Sei storage Diverson	UDAIPUR	Kotra	Sabarmati	Wakal	MINOR		24.383333	73.185556				25.45					-	
3323	Vas madra	UDAIPUR	Kotra	Sabarmati	Wakal	MINOR		24.600594	73.377790				1.33					93.00	
	Sub Basin Total											**-**	**65.98**				**-**	**2,793.00**	**-**
	Basin Total											**26.51**	**118.06**				**5,010.40**	**10,753.00**	**3,284.00**
396	Ahir Majara Bund	ALWAR	Bansur	Sabi	Sabi	MINOR		27.788474	76.432780				0.23					40.60	
402	Babria	ALWAR	Bansur	Sabi	Sabi	MINOR	State time	27.779929	76.380552	3.00	2,550.00	5.55	5.29	N.A		11,658.00	2,936.00	1,614.00	1,432.00
526	Dhakwasan	ALWAR	Bansur	Sabi	Sabi	Minor		27.728497	76.489318				0.39					138.00	
435	Hamirpur	ALWAR	Bansur	Sabi	Sabi	MINOR	1999-2000	27.718056	76.455556	N.A	98.00	0.20	0.17	N.A	N.A	2,100.00	N.A	36.00	N.A
524	Harsora Bund	ALWAR	Bansur	Sabi	Sabi	Minor	State time	27.804971	76.466836	12.95		8.80	7.81	N.A		4,800.00	2,589.00	1,821.00	1,499.00
397	Almadika Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State time	27.864418	76.717685	2.13	2,460.00	0.34	0.34	N.A	225.40	Not Canal	N.A	83.40	N.A
403	Baduk	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR		27.753732	76.707917				1.19					243.00	
406	Baghor Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State Time	27.765794	76.706121				0.18					51.80	
408	Bakathala	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State time	27.858333	76.758333	2.74	942.00	0.25	0.30	N.A	110.40	Not Canal	N.A	57.00	N.A
412	Bhageri Kalan	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State Time	27.904347	76.689089	2.74	1,339.80	0.28	0.28	N.A	293.10	Not Canal	N.A	28.70	N.A
440	Inchaka Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State time	27.781326	76.703788	3.00	1,500.00	0.91	0.90	N.A	169.90	Not Canal	N.A	21.40	N.A
441	Isapur Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State time	27.830307	76.692303	2.81	1,380.00	0.15	0.43	N.A	126.80	Not Canal	N.A	39.30	N.A
442	Ismailpur Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR		27.765603	76.682283				0.93					94.30	
447	Jatka Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State time	27.846731	76.720832	2.43	2,490.00	2.08	2.08	N.A	537.50	Not Canal	N.A	166.70	N.A
470	Machroli Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR		27.880022	76.696043				0.76					31.20	
520	Tohari Bund	ALWAR	Kishangarh Bas	Sabi	Sabi	MINOR	State Time	27.846206	76.692800	N.A	1,677.00	0.76	0.76	N.A	110.50	Not Canal	N.A	38.00	N.A
413	Bhageri Khurd	ALWAR	Kotkasim	Sabi	Sabi	MINOR	State time	27.892524	76.666909	N.A		3.53	3.54	N.A	888.70			316.00	
457	Karwar Bund	ALWAR	Kotkasim	Sabi	Sabi	MINOR	State time	27.941500	76.741255	2.43	2,490.00	2.08	2.08	N.A	53.70	Not Canal	N.A	263.90	N.A
463	Kot Kasim Bund	ALWAR	Kotkasim	Sabi	Sabi	MINOR		28.017761	76.702479				0.59					40.50	
410	Behroz Bund	ALWAR	Mandawar	Sabi	Sabi	MINOR	State time	27.725283	76.545794				1.35					89.00	
419	Birtoli	ALWAR	Mandawar	Sabi	Sabi	MINOR		27.747323	76.598134	3.75	620.00	0.58	0.58	N.A		1,080.00	225.00	176.00	176.40
462	Kirt Singhpur	ALWAR	Mandawar	Sabi	Sabi	MINOR	State time	27.907974	76.400405	6.00	2,541.00	0.14	0.37	N.A	N.A	Not Canal	N.A	52.60	N.A
528	Jhankari	ALWAR	Thanagazi	Sabi	Sabi	Minor	State Time	27.364107	76.242885		102.00	0.05	0.18	N.A	N.A	Not Canal	N.A	25.00	N.A
496	Rampur Bund	ALWAR	Thanagazi	Sabi	Sabi	MINOR	State time	27.464404	76.290669	4.38	2,200.00	7.40	6.12	N.A	283.20	5,300.00	1,170.51	1,052.00	810.04
404	Baghor Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	27.886679	76.908552				0.19					38.00	
415	Bhiwari	ALWAR	Tijara	Sabi	Sabi	MINOR		28.194847	76.838976				0.25					57.00	
420	Chawandi Kala Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State time	28.026363	76.842786	2.13	2,130.00	0.26	0.26	N.A	N.A	Not Canal	N.A	60.70	N.A
427	Dhiriawas bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State time	28.090598	76.805944	3.00	1,650.00	0.85	0.64	N.A	N.A	Not Canal	N.A	91.90	N.A
434	Hamira Ka Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	27.978316	76.863748				0.45					29.30	
439	Imlaki Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State time	28.182152	76.886728	2.13	1,650.00	0.42	0.30	N.A	80.10	Not Canal	N.A	30.40	N.A
443	Isorda Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	27.994295	76.796102	3.96	3,060.00	0.42	0.42	N.A	109.20	Not Canal	N.A	104.80	N.A
452	Jhiwana	ALWAR	Tijara	Sabi	Sabi	MINOR	State time	28.143006	76.841392	6.00	1,200.00	1.53	1.53	N.A	162.90	Not Canal	N.A	126.60	N.A

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
453	Kaliyaki Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State time	27.926004	76.900137	6.78	720.00	2.16	2.16	N.A	344.70	Not Canal	N.A	30.90	N.A
459	Khedar ur Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	28.027233	76.893671	2.74	825.00	1.09	0.96	N.A	132.10	Not Canal	N.A	303.40	N.A
475	Nakhnol Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State time	28.110311	76.848214	N.A	3,330.00	0.16	0.16	N.A	47.60	Not Canal	N.A	102.80	N.A
477	Navgaon Masit Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	28.080181	76.827346				0.34					40.60	
480	Nimbaheri	ALWAR	Tijara	Sabi	Sabi	MINOR	2006	28.081482	76.862062	6.00	2,652.00	1.24	1.24	N.A		3,292.00	510.00	458.90	368.40
483	Patan Malikpura	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	28.057498	76.885875	N.A	156.71		1.19	N.A	N.A	Not Canal	N.A	195.50	N.A
491	Qaziwala Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	27.919202	76.867507				1.50					39.00	
494	Rambas	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	27.973318	76.836659	3.35	2,370.00	0.43	0.43	N.A	N.A	Not Canal	N.A	57.10	N.A
504	Saran Khurd	ALWAR	Tijara	Sabi	Sabi	MINOR	1998	28.140489	76.944089	3.65	2,310.00	4.64	1.55	N.A		7,393.00	955.00	914.00	510.00
505	Shahidpur Barka	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	27.923251	76.843354				0.45					52.20	
506	Sharod Bund	ALWAR	Tijara	Sabi	Sabi	MINOR	State Time	28.195371	76.885479				0.42					49.30	
525	Teliwala Bagh Singh	ALWAR	Tijara	Sabi	Sabi	Minor		27.915310	76.782110				1.21					228.00	
517	Tijara (Kaliyaki)	ALWAR	Tijara	Sabi	Sabi	MINOR		27.913845	76.882939				1.63					304.00	
1851	Baneri	JAIPUR	Kotputli	Sabi	Sabi	MINOR	-	27.629486	76.026710	16.40		5.00	4.70		977.00		2,170.44	1,619.10	1,131.00
1854	Beri	JAIPUR	Kotputli	Sabi	Sabi	MINOR		27.677778	76.050000				0.91					97.00	
1872	Dantil Ka Naka	JAIPUR	Kotputli	Sabi	Sabi	MINOR		27.658416	75.994837				0.50					95.00	
1955	Badi Jodi	JAIPUR	Shahpura	Sabi	Sabi	Minor		27.450313	75.921936				13.25					50.00	
1874	Dewan	JAIPUR	Shahpura	Sabi	Sabi	MINOR		27.384958	76.021257				0.35					66.50	
1929	Raghunath Pura	JAIPUR	Shahpura	Sabi	Sabi	MINOR		27.433262	75.894613				0.40					66.50	
1946	Sikargatta	JAIPUR	Shahpura	Sabi	Sabi	MINOR	-	27.375000	76.038889	12.00		3.73	0.87		104.50		229.50	195.09	161.66
1855	Bhabhru	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.453628	76.041750				0.86					259.10	
1856	Bhagawas	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.408333	76.050000				0.45					95.00	
1879	Dhulkot	JAIPUR	Viratnagar	Sabi	Sabi	MINOR	-	27.464347	76.075776	8.40		1.02	1.02		271.00		213.00	197.00	197.00
1893	Jagaji	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.414011	76.082901				0.23					38.00	
1896	Jawanpuradhabai	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.476463	75.992082				2.50					596.26	
1921	Neemli	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.525000	76.025000				0.20					54.30	
1922	Neezer	JAIPUR	Viratnagar	Sabi	Sabi	MINOR	-	27.455286	75.999904	7.55		0.75	0.72		104.31		250.00	205.00	205.00
1924	Panchudola	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.518602	76.205438				0.65					97.10	
1938	Rampura Antela	JAIPUR	Viratnagar	Sabi	Sabi	MINOR		27.510506	76.026535				0.40					66.50	
2924	Raipur Jagir	SIKAR	Neem Ka Thana	Sabi	Sabi	MINOR	1976	27.480139	75.906226	6.70	180.00	0.28	0.25	NA	40.18	0.88	53.00	44.00	32.00
	Basin Total											**57.08**	**82.39**				**11,301.45**	**13,675.25**	**6,522.50**
399	Anandpur	ALWAR	Neemrana	Shekhawati	Dohan	MINOR		28.110389	76.367117				0.17					60.00	
465	Kutina	ALWAR	Neemrana	Shekhawati	Dohan	MINOR		28.062624	76.443628				0.31					108.00	
509	Siryani Bund	ALWAR	Neemrana	Shekhawati	Dohan	MINOR		28.038839	76.423364				0.85					38.10	
2171	Ajit Sagar	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	State Time	27.991508	75.856084	21.15	210.00	4.63	4.61	1.86 sq. km	461.40 cumec	5.30	739.00	662.00	662.00
2172	Bansial	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	1973	27.973579	75.852352	6.70	340.00	0.57	0.50	NA	101.94	2.19	97.00	81.00	72.00
2173	Dadafateh Pura	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	1985	28.007757	75.876411	7.01	254.00	0.23	0.20	NA	45.87	2.40	97.00	43.00	58.00
2174	Dogar Nallah	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	1985	27.928276	75.771915	12.54	80.00	0.58	0.52	0.14	98.54	1.74	292.00	265.00	150.00
2175	Doharwala	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	1988	27.899905	75.832169	3.84	1,000.00	1.09	1.00	0.60	NA	3.78	302.00	240.00	143.00
2177	Kala Bhuja	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	State Time	27.970833	75.800000	11.97	120.00	0.76	0.76	NA	NA	0.91	121.00	121.00	81.00
2191	Laxmanpura	JHUNJHUNUN	Khetri	Shekhawati	Dohan	Minor		27.859866	75.791571				0.26					188.00	
2192	Modi Ilakhar	JHUNJHUNUN	Khetri	Shekhawati	Dohan	Minor	1997	28.000421	75.947561	14.60	2,830.00	5.70	4.54	3.00 sq. km	793.64cumec	9.87	1,243.00	1,070.00	649.00
2185	Ramwa	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	1986	28.068924	75.924830	3.64	1,280.00	1.55	1.21	0.647 sq. km	126.78 cumec	3.05	462.00	426.00	277.00
2187	Thikari a Ki Dhani	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	1982	27.905574	75.875207	4.42	370.00	0.50	0.37	NA	46.72	0.90	74.00	65.00	93.00
2188	Tonda	JHUNJHUNUN	Khetri	Shekhawati	Dohan	MINOR	1988	27.963977	75.885515	10.31	640.00	0.76	0.68	NA	104.46	2.13	190.00	188.00	113.00
2894	Baran	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1983	27.739711	76.011071	7.00	370.00	0.40	0.39	0.28	48.39	1.50	91.00	73.00	57.00
2904	Fatehpura	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	2007	27.793274	76.041187	610.00	1,200.00	1.47	1.33	0.46	130.18	2.89	290.00	266.00	292.00
2911	Jeelo	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1982	27.841529	75.901465	9.10	350.00	0.52	0.47	NA	53.23	3.75	111.00	85.00	68.00
2912	Jhalra	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	2000	27.849793	75.886579	7.90	180.00	0.26	0.22	0.03	47.83	1.21	79.00	70.85	51.00
2920	Makari	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1989	27.784538	75.818644				1.10					142.00	
2922	Paran	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1981	27.840051	75.826570	6.20	1,050.00	0.56	0.51	0.24	106.40	3.00	117.00	135.00	74.00
2927	Shampur	SIKAR	Neem Ka Thana	Shekhawati	Dohan	MINOR	1976	27.849090	75.945232				2.38					271.00	
	Sub Basin Total											**19.58**	**22.39**				**4,305.00**	**4,597.95**	**2,840.00**
2176	Guda	JHUNJHUNUN	Khetri	Shekhawati	Kantli	MINOR		27.815834	75.659921				0.12					19.00	
2179	Madhogarh	JHUNJHUNUN	Khetri	Shekhawati	Kantli	MINOR	1992	27.871266	75.700997	9.18	270.00	0.93	0.84	NA	115.81	1.00	201.00	200.00	120.00
2186	Siloti	JHUNJHUNUN	Khetri	Shekhawati	Kantli	MINOR	2007	27.877144	75.743766	6.00	720.00	0.28	0.26	0.27	74.58	1.20	78.00	74.04	56.00
2178	Kanaksas	JHUNJHUNUN	Udaipurwati	Shekhawati	Kantli	MINOR	1992	27.758192	75.640205				0.19					70.00	
2180	Mandarwa	JHUNJHUNUN	Udaipurwati	Shekhawati	Kantli	MINOR	1992	27.741569	75.594788	10.51	270.00	0.36	0.32	NA	88.17	0.90	116.00	116.40	42.00
2181	Mavta	JHUNJHUNUN	Udaipurwati	Shekhawati	Kantli	MINOR	1987	27.717783	75.619215	8.56	945.00	1.14	1.02	0.55 sq. km	74.36cumec	4.11	406.00	406.00	291.00
2182	Niran Ki dhani	JHUNJHUNUN	Udaipurwati	Shekhawati	Kantli	MINOR	1988	27.726895	75.555949	8.88	650.00	1.26	1.10	0.542 sq. km	164.23cumec	1.93	307.00	306.80	164.00

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2183	Pach Langi	JHUNJHUNUN	Udaipurwati	Shekhawati	Kantli	MINOR		27.727039	75.664245				0.65					133.00	
2184	Ponk	JHUNJHUNUN	Udaipurwati	Shekhawati	Kantli	MINOR	1963	27.844371	75.609399	7.31	1,690.00	1.33	1.33	1.24 sq. km	111.05 cumec	2.74	868.00	819.00	819.00
2941	Bamerda	SIKAR	Khandela	Shekhawati	Kantli	Minor	1996	27.642675	75.572064	7.40	1,330.00	1.04	0.92	0.79 sq. km	164.09cumec	3.15	372.00	337.30	270.00
2895	Barwada	SIKAR	Khandela	Shekhawati	Kantli	MINOR		27.666740	75.580020				0.45					136.00	
2914	Kalikhera	SIKAR	Khandela	Shekhawati	Kantli	MINOR	1986	27.622460	75.596106	6.00	140.00	0.76	0.69	0.45	198.00	1.40	155.00	121.00	99.00
2915	Karoi	SIKAR	Khandela	Shekhawati	Kantli	MINOR	2005	27.632182	75.566411	5.00	2,460.00	0.69	0.51	0.76	88.89	1.17	158.00	117.00	
2916	Khandela	SIKAR	Khandela	Shekhawati	Kantli	MINOR		27.609996	75.494476				0.52					95.00	
2921	Neemki	SIKAR	Khandela	Shekhawati	Kantli	MINOR	1984	27.595935	75.586232	7.30	980.00	1.09	0.81	0.25	154.74	1.05	142.00	130.00	97.00
2939	Sewli	SIKAR	Khandela	Shekhawati	Kantli	Minor		27.650027	75.459781				0.26					46.00	
2896	Basdi	SIKAR	Neem Ka Thana	Shekhawati	Kantli	MINOR	1987	27.648661	75.772449	5.50	1,500.00	0.54	0.48	0.44	94.46	0.40	170.00	157.00	138.00
2897	Bhudoli	SIKAR	Neem Ka Thana	Shekhawati	Kantli	MINOR	1970	27.687581	75.774397	9.40	655.00	2.58	2.32	0.60 sq. km	237.72cumec	8.68	724.00	664.00	324.00
2905	Ganwari	SIKAR	Neem Ka Thana	Shekhawati	Kantli	MINOR	1988	27.708333	75.841667	4.60	490.00	0.67	0.65	0.45	96.22	1.40	111.00	100.00	90.00
2925	Ranasar	SIKAR	Neem Ka Thana	Shekhawati	Kantli	MINOR	1982	27.738564	75.714935	10.60	860.00	4.41	4.28	0.93 sq. km	458.46 cumec	8.04	1,165.00	1,018.00	624.00
	Sub Basin Total											**17.08**	**17.72**				**4,973.00**	**5,065.54**	**3,134.00**
156	Hanuman Sagar Ralwata	AJMER	Kishangarh	Shekhawati	Mendha	MINOR	State Time	26.686718	74.851410	NA	1,280.00	6.25	0.18	NA	1,338.00	0.64	24.00	24.30	20.00
328	Rodawas	AJMER	Kishangarh	Shekhawati	Mendha	MINOR	State Time	26.711770	74.744148	NA	200.00	6.46	0.17	NA	1,200.00		41.00	34.10	23.00
332	Roopangarh	AJMER	Kishangarh	Shekhawati	Mendha	MINOR	1994-95	26.803559	74.850124	NA	4,710.00		5.95	NA	34,502.00	10.46	1,414.00	840.00	890.00
44	Badliya Tank	AJMER	Srinagar	Shekhawati	Mendha	MINOR		26.445503	74.710657				0.57					85.00	
90	Bijolav Tank Narwar	AJMER	Srinagar	Shekhawati	Mendha	MINOR	State Time	26.589956	74.694530	NA	1,120.00	13.59	0.25	NA	13,489.00	2.19	111.00	101.10	60.00
143	Ghugra Talab	AJMER	Srinagar	Shekhawati	Mendha	MINOR	State Time	26.502154	74.686402	NA	1,280.00	10.92	0.25	NA	1,786.00	2.58	76.90	71.00	40.00
236	Makarwali Talab	AJMER	Srinagar	Shekhawati	Mendha	MINOR	State Time	26.549430	74.665086	NA	1,020.00	19.76	0.44	NA		1.27	113.00	100.00	61.00
246	Mohami Talab	AJMER	Srinagar	Shekhawati	Mendha	MINOR		26.503386	74.785641	NA	450.00	12.45	0.34	NA	2,675.00	3.32	76.90	68.80	40.00
294	Phool Sagar Gawadi	AJMER	Srinagar	Shekhawati	Mendha	MINOR	State Time	26.497004	74.724139				0.46					566.80	
295	Phool Sagar Kayad	AJMER	Srinagar	Shekhawati	Mendha	MINOR	State Time	26.542684	74.684075	NA	2,550.00	0.09	2.93	NA	8,238.00	8.90	404.70	364.00	219.00
312	Ram Sagar Nareli	AJMER	Srinagar	Shekhawati	Mendha	MINOR		26.456972	74.725391				0.51					69.00	
377	Untra	AJMER	Srinagar	Shekhawati	Mendha	MINOR	1961-62	26.574786	74.770585	NA	3,075.00	0.09	2.83	NA	10,920.00	10.76	1,072.45	595.10	595.00
1870	Choti Dungri	JAIPUR	Sambhar	Shekhawati	Mendha	MINOR	-	27.158138	75.474091				3.27					635.70	
1950	Jetpura(Sambhar)	JAIPUR	Sambhar	Shekhawati	Mendha	Minor		26.949386	75.282988				1.02					40.00	
2487	Babdi Bund	NAGAUR	Kuchaman City	Shekhawati	Mendha	MINOR		27.129323	75.180724				1.61					62.16	
2592	Barjan	NAGAUR	Kuchaman City	Shekhawati	Mendha	Minor		27.070239	75.155314				0.05					22.00	
2502	Bhuni Bundh	NAGAUR	Kuchaman City	Shekhawati	Mendha	MINOR		27.131032	75.025068	7.10	1,268.00	0.72	0.73		55.02	-	59.03	34.15	51.24
2512	Dalelpura Bund	NAGAUR	Kuchaman City	Shekhawati	Mendha	MINOR		27.150551	75.037719				0.28					17.80	
2555	Panchota Bund	NAGAUR	Kuchaman City	Shekhawati	Mendha	MINOR		27.062524	75.015838				0.15					27.60	
2571	Zinwar Bund	NAGAUR	Kuchaman City	Shekhawati	Mendha	MINOR		27.123990	75.119481				0.14					24.44	
2518	Dhonkliya Bund	NAGAUR	Parbatsar	Shekhawati	Mendha	MINOR		26.959192	74.819514	5.00	346.00	1.22	1.21		80.08	1.80	164.13	43.64	39.62
2522	Gangwa Bund	NAGAUR	Parbatsar	Shekhawati	Mendha	MINOR		26.991113	74.767029				0.35					65.56	
2532	Karmakudi Bund	NAGAUR	Parbatsar	Shekhawati	Mendha	MINOR		26.880174	74.750385				0.26					44.52	
2543	Manghana Bund	NAGAUR	Parbatsar	Shekhawati	Mendha	MINOR		27.006909	74.794455				0.51					57.32	
2577	Manglana	NAGAUR	Parbatsar	Shekhawati	Mendha	Minor		27.027168	74.771865	7.60	250.00	1.13	0.59	NA	137.10	3.04	168.00	141.65	117.00
2590	Peerji ka Naka	NAGAUR	Parbatsar	Shekhawati	Mendha	Minor		27.011082	74.792393	10.00	106.68	1.47	1.13	806.80	246.21	4.41	485.64	242.82	161.88
2564	Runeja Bund	NAGAUR	Parbatsar	Shekhawati	Mendha	MINOR		26.938469	74.819332				0.18					76.24	
2899	Dantla New	SIKAR	Danta Ramgarh	Shekhawati	Mendha	MINOR		27.367569	75.259094				0.10					19.00	
2900	Dantla Old	SIKAR	Danta Ramgarh	Shekhawati	Mendha	MINOR		27.370473	75.277022				0.13					19.00	
2903	Dukiya	SIKAR	Danta Ramgarh	Shekhawati	Mendha	MINOR	1987	27.416426	75.344295	4.50	1,360.00	0.28	0.25	0.18	57.98		79.00	78.00	68.00
2906	Govati	SIKAR	Danta Ramgarh	Shekhawati	Mendha	MINOR	1988	27.435160	75.349826	7.00	1,240.00	0.32	0.29	0.22	65.57	151.00	119.00	118.00	83.00
2917	Kheru Chandpura	SIKAR	Danta Ramgarh	Shekhawati	Mendha	MINOR		27.358877	75.320258				0.28					50.00	
2928	Surera	SIKAR	Danta Ramgarh	Shekhawati	Mendha	MINOR	1979	27.183316	75.135625	6.00	320.00	0.34	0.30	0.39	68.03	0.75	77.00	62.00	43.00
	Sub Basin Total											**75.09**	**27.73**				**4,485.75**	**4,800.80**	**2,511.74**
	Basin Total											**92.17**	**45.46**				**9,458.75**	**9,866.34**	**5,645.74**
2946	Badechi	SIROHI	Reodar	Sukli	Sukli	MINOR		24.515841	72.458271	10.00	1,002.00	0.69	0.69	0.21	3,600.00	1.60	199.19	130.00	90.28
2948	Badon Ka Padar	SIROHI	Reodar	Sukli	Sukli	MINOR		24.493247	72.472102	10.80	814.93	0.39	0.39	0.14	3,885.00	1.20	105.26	73.65	51.82
2952	Butri	SIROHI	Reodar	Sukli	Sukli	MINOR	1967	24.533958	72.538488	9.29	832.31	4.43	4.30	1.56	10,504.00	9.25	746.66	645.00	451.23
2958	Dolpura	SIROHI	Reodar	Sukli	Sukli	MINOR		24.562818	72.573259				1.03					213.00	
2964	Jirawal	SIROHI	Reodar	Sukli	Sukli	MINOR		24.673005	72.471450	12.76	616.18	1.95	1.95	0.16	5,164.00	5.50	335.22	290.00	203.64
2970	Kana Kolar	SIROHI	Reodar	Sukli	Sukli	MINOR		24.623260	72.481020	5.94	405.00	36.52	1.04	180.00	1,084.00	2,500.00	131.53	131.00	98.34
2971	Karodidhaj	SIROHI	Reodar	Sukli	Sukli	MINOR	1997-98	24.618016	72.614937	13.00	1,840.00	2.69	2.57	0.56	4,600.00	5.92	544.31	505.00	420.48
2977	Mandar Nallah Ist	SIROHI	Reodar	Sukli	Sukli	MINOR	1984	24.546633	72.402373	5.11	618.00	2,088.00	2.22	0.85	1,285.00	8.65	587.21	536.00	510.32
2978	Mandar Nallah Vth (Abonded)	SIROHI	Reodar	Sukli	Sukli	MINOR		24.572679	72.435460				-					-	
2988	Panchdeval	SIROHI	Reodar	Sukli	Sukli	MINOR	2005	24.692158	72.501017	12.50	960.00	1.57	1.45	0.44	6,383.00	2.60	475.00	450.00	337.50
2993	Sangrli Khera	SIROHI	Reodar	Sukli	Sukli	MINOR		24.646288	72.703401	10.57	593.90	0.99	0.99	0.21	3,206.00	2.40	247.77	196.00	131.58
2995	Sukli innundation	SIROHI	Reodar	Sukli	Sukli	MINOR		24.609613	72.522040				9.90					1,510.00	

S. No.	Project Name	District	Block	Basin	Sub-basin	Class	Year of Construction	Latitude (DD)	Longitude (DD)	Ht. above Lowest Foundation (m)	Length of Dam (m)	Gross Storage Capacity (Mm^3)	Live Storage Capacity (Mm^3)	Reservoir Area at FRL (km^2)	Design Spilway Capacity (cusecs)	Length of Canal System (km)	Command Area (ha)		
																	GCA	CCA	ICA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2997	Thal	SIROHI	Reodar	Sukli	Sukli	MINOR		24.575020	72.617298	8.90	1,329.27	0.61	0.61	0.28	1,960.00	1.00	85.83	78.91	46.96
	Basin Total											**2,137.84**	**27.14**				**3,457.98**	**4,758.56**	**2,342.15**
2949	Bageri	SIROHI	Abu Road	West Banas	West Banas	MINOR	2000	24.524293	72.688530				3.86					778.00	
2954	Chandlaw	SIROHI	Abu Road	West Banas	West Banas	MINOR		24.524164	72.639601	3.39	792.68	1.59	1.59	0.51	1,560.00	0.66	374.90	284.00	208.50
2955	Chinar	SIROHI	Abu Road	West Banas	West Banas	MINOR	1987	24.479097	72.653049	15.37	255.00	1.52	1.46	0.32	4,576.00	2.70	448.40	368.00	208.42
2960	Girwar	SIROHI	Abu Road	West Banas	West Banas	MINOR	1977	24.491898	72.643861	12.97	814.02	2.40	2.26	0.91	4,335.00	3.15	396.20	355.00	246.86
2968	Kala Data	SIROHI	Abu Road	West Banas	West Banas	MINOR		24.485491	72.845880	10.00	231.00	0.23	0.22	0.06	1,718.00	1.20	33.55	33.74	30.74
3010	Khara Dam	SIROHI	Abu Road	West Banas	West Banas	Minor		24.414317	72.707630	7.64	190.00	24.85	0.70	252.90	2,970.00	233.00	223.00	167.00	117.00
2974	Kui Sagna	SIROHI	Abu Road	West Banas	West Banas	MINOR	1983	24.466078	72.803502	15.40	372.24	2.00	1.80	0.45	5,204.00	4.00	408.74	393.00	193.85
2976	Mahadev Nallah	SIROHI	Abu Road	West Banas	West Banas	MINOR	1989	24.531170	72.698636	14.56	669.88	1.44	1.43	0.33	4,487.00	3.80	442.74	318.00	204.37
2979	Mandowari	SIROHI	Abu Road	West Banas	West Banas	MINOR		24.455733	72.774107				0.61					146.00	
2983	Moongthala	SIROHI	Abu Road	West Banas	West Banas	MINOR	1990	24.488752	72.726868	10.25	4,160.00	2.70	2.58	1.04	8,450.00	3.10	683.12	580.00	369.08
2986	Ore Nallah	SIROHI	Abu Road	West Banas	West Banas	MINOR	2003	24.481913	72.830156	9.35	353.00	0.27	0.26	0.84	1,540.00	0.60	82.30	72.00	71.63
3000	Vajna	SIROHI	Abu Road	West Banas	West Banas	MINOR	1992	24.524886	72.639645	9.30	345.00	0.43	0.42	0.15	2,740.00		71.63	59.00	55.85
2951	Bhula Dam	SIROHI	Pindwara	West Banas	West Banas	MINOR	1954	24.590127	72.989865	20.00 "	1,344.00	5.38	5.25	763.90	28.32	105 CH /105 CH	987.04	987.00	748.58
2959	Fhatkeshwar Dam	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.650000	72.916667				0.44					140.00	
3008	Gangajali	SIROHI	Pindwara	West Banas	West Banas	Minor	2002-03	24.658339	72.867458	8.40	2,460.00	1.84	1.75	0.65	8,834.00	0.55	700.00	350.00	299.88
2972	Ker Dam	SIROHI	Pindwara	West Banas	West Banas	MINOR	1977	24.747363	72.858916	11.15 "	6,800.00	3.04	2.77	694.00	212.40	139 CH	405.26	389.00	279.92
2975	Luneri	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.551438	72.970463	11.40	5,320.00	2.44	2.44	422.50	138.77	75 CH	410.37	215.00	164.71
2981	Mandwara Dam	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.729150	72.863573				2.16					412.00	
2984	Moras Dam	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.666667	73.083333	20.89	568.00	1.46	1.29	202.30	74.00	4400 M	435.00	219.00	185.00
3001	Valoriya	SIROHI	Pindwara	West Banas	West Banas	MINOR	-	24.594075	73.010958	21.39	570.00	1.58	1.54	0.16	9,870.00	5.08	504.85	405.00	306.18
3004	Watera	SIROHI	Pindwara	West Banas	West Banas	MINOR		24.609886	72.916244				1.13					163.00	
	Basin Total											**53.16**	**35.95**				**6,607.10**	**6,833.74**	**3,690.57**

Appendix VI

Details of Water Harvesting structure located in various Project catchments and Basin/Sub-basins

(Details in soft copy)

Appendix VI - Abstract

Details of Water Harvesting Structure Located in various Project Catchments and Basin/Sub-basins

Table 1: For Project Catchments

Name of Project Catchment	Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
Ajan Lower	Banganga	Banganga	106	10.91
Alnia Irrigation Project	Chambal	Chambal Downstream	26	0.54
Angore Dam	Luni	Khari	70	1.30
Arwar Dam	Banas	Khari	708	31.03
Badgaon	Banas	Berach	158	9.66
Bagoliya	Banas	Berach	176	7.28
Bandi Sendra	Luni	Bandi	171	5.51
Bankli Bund	Luni	Sukri	865	34.48
Baretha	Gambhir	Gambhir	75	1.53
Bassi	Banas	Berach	84	3.71
Bethali	Chambal	Parwati	23	0.20
Bhim Sagar	Chambal	Kali Sindh	66	1.84
Bhimlat Dam	Chambal	Mej	35	0.88
Bhopalsagar	Banas	Berach	149	15.32
Bilas Dam	Chambal	Parwati	38	1.03
Bisalpur	Banas	Banas	2667	152.52
		Berach	1458	73.59
		Dain	744	37.01
		Khari	2691	155.74
		Kothari	20	1.65

Name of Project Catchment	Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
Bisalpura Bund	Luni	Jojri	439	7.87
Buchara	Sabi	Sabi	105	3.24
Bundi Ka Gothra	Chambal	Mej	166	6.48
Burdha Dam	Chambal	Mej	70	1.98
Chandra Bhaga	Banas	Banas	221	5.48
Chandsen Bheru Sagar	Banas	Sodra	247	7.72
Chauli	Chambal	Kali Sindh	79	1.99
Chhaparwada	Banas	Mashi	418	18.01
Chhapi	Chambal	Kali Sindh	38	0.51
Chhitoli	Sabi	Sabi	51	0.56
Dheel	Banas	Gudia	747	20.72
Dindoli	Banas	Berach	20	0.70
Dugari	Chambal	Mej	73	2.95
Gagrain	Chambal	Kali Sindh	108	1.63
Galwa Dam	Banas	Banas	282	9.64
Galwania	Chambal	Chakan	49	1.45
Gambhiri	Banas	Berach	195	13.78
	Outside Rajasthan (Banas)	Outside Rajasthan (Berach)	19	0.18
Giroliya Tank	Luni	Sukri	393	13.40
Gopalpura	Chambal	Parwati	48	1.93
Gosunda Irrigation Proj.	Banas	Berach	1093	74.20
Gudha	Chambal	Mej	226	10.39
Harishchandra Sagar	Chambal	Kali Sindh	1372	30.09
Hemawas Bund	Luni	Khari (Hemawas)	353	9.38
Hingoniya	Banas	Mashi	125	1.57

Name of Project Catchment	Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
Jai Samand Bund	Ruparail	Ruparail	39	0.28
Jaisamand	Mahi	Som	570	21.74
Jakham	Mahi	Jakham	174	4.83
Jaswant Sagar	Luni	Luni	1996	61.37
Jawahar Sagar Dam	Chambal	Chambal Upstream	587	16.90
Jawai Bund	Luni	Jawai	192	4.47
Jetpura	Banas	Banas	39	1.17
Juggar	Gambhir	Gambhir	72	1.18
Kala Kho	Banganga	Banganga	108	3.53
Kalakh Sagar	Banas	Mashi	88	0.77
Kalisil	Banas	Kalisil	159	2.79
Kharad	Banganga	Banganga	26	0.16
Kharda Bund	Luni	Guhiya	18	0.32
Khari Dam	Banas	Khari	518	30.98
Kota Barrage	Chambal	Chambal Upstream	25	0.59
Kothari Dam	Banas	Kothari	437	18.22
Lassaria Irrigation Project	Banas	Dain	2164	121.01
Lhasi	Chambal	Parwati	30	0.37
Madho Sagar	Banganga	Banganga	9	0.05
Mahi Bajaj Sagar	Mahi	Mahi	299	15.03
	Outside Rajasthan (Mahi)	Outside Rajasthan (Mahi)	59	2.10
Mandal	Banas	Kothari	105	6.71
Mansarovar	Chambal	Chambal Downstream	8	0.20
Mashi	Banas	Mashi	3087	112.23
Mataji Ka Khera	Banas	Berach	40	2.18

Name of Project Catchment	Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
Matrikundia	Banas	Banas	851	51.85
Meja	Banas	Kothari	1324	68.36
Mora Sagar	Banas	Morel	43	2.89
Morel Bund	Banas	Morel	1468	63.60
Moti Sagar	Banas	Banas	78	4.45
Murlia	Banas	Berach	67	1.26
Nahar Sagar	Banas	Khari	678	42.47
Nandsamand	Banas	Banas	275	8.26
Narain Sagar Jalia Lind	Banas	Khari	24	1.61
Ora Bund	Luni	Khari	87	1.56
Orai	Banas	Berach	42	0.89
	Outside Rajasthan (Banas)	Outside Rajasthan (Berach)	19	1.03
Panchana Dam	Gambhir	Gambhir	298	4.63
Parbati Dam	Parbati	Parbati	433	4.59
Parwan Lift	Chambal	Kali Sindh	187	4.99
Parwan Pickup Weir	Chambal	Kali Sindh	526	6.96
Parwati Pickup Weir	Chambal	Parwati	407	11.22
	Outside Rajasthan (Chambal)	Outside Rajasthan (Parwati)	2	0.25
Phool Sagar Jaliya	Luni	Luni	86	4.21
Piplad	Chambal	Kali Sindh	23	0.48
Raipur Luni	Luni	Guhiya	209	5.85
Raipur Patan	Shekhawati	Dohan	48	1.43
Rajsamand	Banas	Banas	285	6.94
Ramgarh	Banganga	Banganga	299	3.59
Ramsagar Dam	Parbati	Parbati	61	1.66

Name of Project Catchment	Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
Rana Pratap Sagar Dam	Chambal	Chambal Upstream	614	16.67
	Outside Rajasthan (Chambal)	Outside Rajasthan (Chambal Upstream)	4	0.18
Sainthal Sagar	Banganga	Banganga	431	7.42
Sardar Samand	Luni	Guhiya	832	20.49
Sareri Dam	Banas	Khari	524	30.55
Sawan Bhadon	Chambal	Kali Sindh	36	0.97
Sikri Bund	Ruparail	Ruparail	432	10.42
Som Kamla Amba	Mahi	Som	806	48.29
Somkagdar	Mahi	Som	161	8.72
Sukli Selwara	Sukli	Sukli	151	7.23
Surawal	Banas	Banas	214	8.27
Surwania	Mahi	Mahi	17	0.68
Takli	Chambal	Kali Sindh	29	0.38
Tordi Sagar	Banas	Sodra	1162	49.99
Udai Sagar	Banas	Berach	176	14.84
Ummed SagarB	Banas	Banas	3	1.48
		Khari	432	21.28
Ummed SagarC	Chambal	Parwati	121	3.94
Urmila Sagar	Parbati	Parbati	5	1.04
Vallabhnagar	Banas	Berach	330	13.15
Wagan Project	Banas	Berach	117	5.64
West Banas	West Banas	West Banas	226	12.44
Grand Total			**42,759**	**1,809.83**

Table 2: For Basin / Sub-basin, Outside Project Catchments

Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
Banas	Banas	2161	85.02
	Gudia	74	4.36
	Kalisil	95	2.75
	Mashi	467	16.42
	Morel	1411	77.61
	Sodra	431	22.02
Banganga	Banganga	3060	103.10
Chambal	Chakan	178	12.96
	Chambal Downstream	1324	26.16
	Kali Sindh	836	27.56
	Kunu	174	4.80
	Mej	1294	51.80
	Parwati	715	21.65
Gambhir	Gambhir	1468	73.88
Ghaggar	Ghaggar	97	41.79
Luni	Bandi	77	1.01
	Bandi (Hemawas)	567	19.96
	Guhiya	446	13.74
	Jawai	545	14.28
	Jojri	1485	18.27
	Khari	948	21.56
	Khari (Hemawas)	50	2.20
	Luni	2188	92.90

Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
	Mithari	746	12.39
	Sagi	435	9.41
	Sukri	122	3.65
	Sukri (Sayala)	158	2.09
Mahi	Anas	564	20.96
	Bhadar	74	2.85
	Jakham	317	8.81
	Mahi	1464	87.28
	Moran	194	10.64
	Som	357	19.19
Other Nallahs Of Jalore	Other Nallahs Of Jalore	610	7.47
Outside Basin	Fragmented	18	0.21
	Sub 1	111	1.22
	Sub 2	32	6.24
	Sub 3	506	7.78
	Sub 4	206	12.60
	Sub 5	599	83.65
	Sub 6	195	9.26
Parbati	Parbati	228	6.17
Ruparail	Ruparail	1088	45.45
Sabarmati	Sabarmati	138	5.11
	Sei	109	9.33
	Vatrak	387	10.37
	Wakal	248	20.86
Sabi	Sabi	1280	32.30

Basin	Sub-basin	No. of Waterbodies	Live storage Capacity, Mm^3
Shekhawati	Dohan	518	23.58
	Kantli	483	19.46
	Mendha	1379	69.01
Sukli	Sukli	394	9.28
West Banas	West Banas	322	26.17
Outside Rajasthan (Parbati)	Outside Rajasthan (Parbati)	10	0.97
Outside Rajasthan (Other Nallahs of Jalore)	Outside Rajasthan (Other Nallahs of Jalore)	28	0.19
Outside Rajasthan (Mahi)	Outside Rajasthan (Anas)	7	0.61
Outside Rajasthan (Luni)	Outside Rajasthan (Luni)	2	1.13
Outside Rajasthan (Gambhir)	Outside Rajasthan (Gambhir)	95	11.95
Outside Rajasthan (Sukli)	Outside Rajasthan (Sukli)	16	0.68
Outside Rajasthan (Sabarmati)	Outside Rajasthan (Wakal)	26	0.84
	Outside Rajasthan (Vatrak)	22	0.24
Grand Total		**33,579**	**1,355.16**

Appendix VII

Salient Features of Major/Medium Dams

Appendix VII

Salient Features of Major/Medium Dams

Table 1: Salient Feature of Major Dams

S. No.	Name of Dam	Year of Construction	River/ Nallah	Nearest City	Latitude (DMS)	Longitude (DMS)	Height Above lowest foundation, m	Length of Dam, m	Gross Storage capacity, (Mm3)	Live Storage capacity, (Mm3)	Reservoir area at FRL, km²	Design Spillway capacity m³/sec	Length of Canal system, km	Command area in Hectares			Free Catchment Area, km²	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Luni Basin																		
1	Sardar Samand Irrig. Proj.	1995	Sukari	Pali	25 58 46	70 23 06	7.62	9000.00	88.23	88.23	93.35	2556.00	64.70	13245.00	10325.00	8562.00	2064.00	Pali
2	Jawai Dam	1957	Jawai River	Sumerpur	25 05 19	73 08 54	37.20	4215.38	207.52	193.90	24.26	4248.09	23.16	46271.70	38671.00	27070.00	778.00	Pali
Ruparail Basin																		
3	Sikri Bundh	State Time	Ruparail	Sikri	27 32 00	77 04 00	5.17	21790.00	Diversion	36.60	NA	32000.00	140.58	10467.00	10467.00	10467.00	982.70	Bharatpur
Banganga Basin																		
4	Ramgarh Bund	1901	Banganga	Jamwa Ramgarh	27 02 46	76 03 38	26.00	3.08	75.02	73.58	-	2100.00	-	15210.00	12160.00	0.00	769.23	Jaipur
Parbati Basin																		
5	Parbati Irrig. Proj.	1963	Parbati	Bari	26 37 54	77 26 54	28.00	9800.00	120.88	108.29	24.01	1763.00	249.47	32388.00	24667.00	12333.00	786.00	Dhaulpur
Banas Basin																		
6	Morel Bundh	1952	Morel	Lalsot	26 26 50	76 19 55	24.08	5844.20	76.66	70.69	15.70	1602.00	276.00	21306.00	19393.00	11963.00	3345.00	Dausa
7	Kalakh Sagar	1883	-	Phulera	26 58 38	75 27 08	38.00		20.66	20.66	-	NA	52.00	14569.00	10961.00	4537.00	593.11	Jaipur
8	Chhaparwada Bundh	1894	mozamabad		26 36 54	74 14 54	13.00	200.00	53.20	53.20	17.44	800.00	97.60	19218.00	11741.00	4010.00	833.98	Jaipur
9	Bisalpur Irrig. Proj.	1999	Banas	Deoli	25 55 29	75 27 22	39.50	574.00	1095.84	938.60	212.30	27297.00	787.00	113723.00	81800.00	58896.00	8655.00	Tonk
10	Galwa Dam	1960	Banas	Uniyara	25 53 27	76 00 49	7.80	6068.00	48.73	47.26	17.74	3240.00	37.08	NA	13391.00	9239.79	393.68	Tonk
11	Tordisagar Bundh	1888	Banas	Malpura	26 12 45	75 25 01	14.10	1.80	47.12	47.12	55.48	-	80.52	16574.00	13960.00	8372.47	704.88	Tonk
12	Meja Irrig. Proj.	1957	Banas	Bhilwara	25 23 35	74 32 26	19.20	9000.00	84.00	83.55	26.50	-	-	25910.00	20714.00	14500.00	1048.00	Bhilwara
13	Rajsamand Irrig. Proj.	1963	Banas	Rajsamand	25 04 06	73 52 34	-	-	107.00	98.50	18.10	2731.29	-	14225.00	10450.00	7311.00	432.86	Rajsamand
14	Gosunda Proj.	-	Banas	Chittorgarh	24 49 35	74 32 23	-	-	101.28	66.98	23.39	-	-	16137.00	4662.00	-		Chittorgarh
Chambal Basin																		
15	Gudha Bundh	1958	Local nalla	Bundi	25 29 22	75 28 02	23.39	2408.00	95.56	93.68	18.58	1686.00	102.28	18141.00	11380.00	11209.00	558.16	Bundi
16	Parwati Pick up weir	State time	Chambal	Baran	24 54 23	76 40 58	2.30	-	Diversion	141.10	Nil	15850.00	-	12990.00	12550.00	7530.00	10205.00	Baran
17	Harishchandra Sagar	1956 57	Chambal	Khanpur	24 36 47	76 11 02	0.00		Pickup Weir		-	18406.00	-	22472.00	17978.00	12585.00	12039.00	Jhalawar
18	Kota Barrage	1960	Chambal	Kota	25 10 38	75 49 31	37.34	551.86	112.00	93.67	5.82	24069.00	2567.00	485000.00	229000.00	-	27332.00	Kota
19	Jawahar Sagar Dam	1973	Chambal	Kota	25 02 13	75 40 40	44.80	335.00	67.84	52.00	9.60	21225.00	-	-	-	-	27195.00	Kota
20	Rana Pratap Sagar Dam	1970	Chambal	Chittorgarh	24 55 03	75 35 01	53.95	1143.00	2898.69	1566.53	198.26	18408.00	21044.00	566.60	500.19	396.59	9800.00	Chittorgarh
Mahi Basin																		
21	Jakham Irrig. Proj.	1986	Jakham River	Dhariawad	24 10 11	74 35 28	81.00	253.00	142.02	132.28	11.90	7950.00	74.02	38901.00	28307.92	23495.67	1010.00	Udaipur
22	Mahi Bajaj Sagar	1983	Mahi	Banswara	23 37 40	74 32 45	74.50	3109.00	2180.39	1833.72	139.00	23262.00	2200.00	135000.00	80000.00	71200.00	3149.00	Banswara
23	Som Kamla Amba Irrig. Proj.	1999	Som	Dungarpur	23 58 43	74 01 57	34.50	620.00	172.80	160.30	27.42	20093.00	350.00	25088.00	17724.00	18788.00	1242.50	Dungarpur
24	Jaisamand Irrig. Proj.	1730	Gomti	Udaipur	24 14 30	73 57 10	52.06	335.00	414.60	296.10	52.60	4706.00	330.90	37282.00	16000.00	14400.00	1654.00	Udaipur

Table 2: Salient Feature of Medium Dams

S. No.	Name of Dam	Year of Const.	River/ Nallah	Nearest City	Latitude, (DMS)	Longitude (DMS)	Ht. Above lowest foundation (m)	Length Of Dam (m)	Gross Storage capacity (Mm^3)	Live Storage capacity (Mm3)	Reservoir area at FRL km^2	Design Spillway capacity m^3/sec	Length of Canal system in km	Command area in Hectares			Free Catchment Area, Km^2	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Shekhawati Basin																		
1	Raipur patan Irrig. Proj.	1968	Krishnawati	Raipur	27 45 29	75 58 01	10.00	1524.00	9.17	8.32	3.31	510.30	21.79	2745.00	2207.00	951.00	155.40	Sikar
Ruparail Basin																		
2	Jai samand Irrig. Proj.	1910	Ruparail	Alwar	27 29 31	76 35 12	8.48	1396.00	26.96	24.92	4.69	N.A	27550.00	5590.40	4790.28	3663.60	163.09	Alwar
Banganga Basin																		
3	Ajan Lower Bundh	1875	Banganga	Bharatpur	27 09 57	77 28 30	5.16	15550.00	17.97	17.97	36.40	16280.00	40.73	8097.00	8097.00	8097.00	217.56	Bharatpur
4	Kala kho Bundh	1953	Khara nadi	Dausa	26 54 41	76 28 24	15.86	2320.00	13.28	10.82	7.24	430.42	48.00	3778.00	3400.00	1853.00	133.76	Dausa
5	Sainthal Sagar Irrig. Proj.	1898	Sawa River	Dausa	27 01 50	76 15 38	17.00	4180.00	13.73	12.80	5.46	811.00	28.02	4050.00	3267.00	1960.00	255.00	Dausa
6	Madho Sagar Irrig. Proj.	1887	Choi River	Sikarai	26 50 32	76 39 02	14.63	2440.00	22.61	22.50	NA	108.31	34.45	5385.00	3232.00	2382.00	75.40	Dausa
7	Kharad Bundh	1877	Local Nallah	Jamwa Ramgarh	25 51 55	73 14 41	18.30	N.A	9.19	9.19	NA	156.85		5800.00	4073.00	2404.00	69.12	Jaipur
Gambhir Basin																		
8	Baretha Bundh	1897	Kukund	Bayana	26 53 48	77 22 27	11.28	1150.00	52.64	50.64	13.72	2008.00	65.22	4388.00	4243.00	2970.00	182.00	Bharatpur
9	Juggar Dam	1957	Juggar River	Hindaun	26 43 15	77 05 45	19.15	-	34.97	31.51	9.36	84756.00	-	6264.00	5927.00	4445.00	227.82	Hindon
10	Panchana Dam	2006	Gambhiri	Karauli	26 33 30	77 00 00	85.00	1163.00	59.45	52.65	12.53	202000.00	310.35-	11172.00	9985.00	13410.00	621.60	Karoli
Parbati Basin																		
11	Ramsagar Dam	State time	Bamani	Bari	26 36 10	77 35 04	10.13	5000.00	30.83	29.39	7.40	395.00	54.71	6231.40	5608.29	3642.30	176.12	Dholpur
12	Urmila Sagar Irrig. Proj.	1905	Babudhen	Dholpur	26 39 13	77 45 31	15.82	3000.00	16.22	15.14	1.87	256.00	29.72	3138.45	2900.00	1535.38	77.70	Dholpur
Sabi Basin																		
13	Buchara Dam	1889	Local Nallah	Kotputali	27 35 22	75 57 55	29.00	570.00	16.36	16.36	4.43	731.00	13.30	3247.00	2638.00	2053.00	220.06	Jaipur
14	Chhitoli Dam	1950	Sabi	Viratnagar	27 28 47	76 07 44	19.50	533.40	24.38	22.23	5.30	26.56	8.60	2539.41	2280.18	2036.95	153.60	Jaipur
Banas Basin																		
15	Narain Sagar Jalia IInd Irrig. Proj.	1967	Khari	Masuda	25 55 52	74 33 15	8076.00	8076.00	19.95	19.82	7.84	2840.00	35.84	4351.00	4087.00	2854.00	23.83	Ajmer
16	Lassadia Bundh	1980-81	Dai Nadi	Kekri	26 02 50	75 10 51	8.00	4325.00	11.49	10.65	2.64	2180.00	2.00	2320.00	2080.00	1352.00	147.00	Ajmer
17	Hingonia Bundh	State time	Local Nallah	Phagi	26 47 00	75 27 45	15.50	1950.00	7.50	7.50	-	NA	16.00	3031.00	2078.00	1238.00	411.81	Jaipur
18	Mora Sagar Irrig. Proj.	1887	Banas	Bamanwas	26 39 48	76 32 20	16.65	880.00	15.56	15.50	5.80	489.00	110.27	2079.00	7374.00	7374.00	193.00	Sawai Madhopur
19	Dheel Bundh	1911	Dheel	Bonli	26 13 24	76 07 03	17.52	5200.00	27.73	27.73	17.70	226.40	93.60	6640.00	5943.32	3350.00	688.90	Sawai Madhopur
20	Kalisil Bundh	1956	Kalisil	Sapotara	26 16 05	76 45 56	22.12	2560.00	41.70	37.25	9.37	889.00		4868.00	4700.00	3740.00	331.52	Karoli
21	Jetpura Bundh	1978	Banas	Bhilwara	25 15 00	75 12 24	21.80	585.00	18.54	16.39	3.78	-	14.19	4050.00	3730.00	2120.00	129.50	Bhilwara
22	Mandal Dam	1905	Local Nallah	Mandalgarh	25 26 53	74 34 01	26.00	1600.00	13.80	11.87	2.14	1300.00	-	-	3818.00	-	99.00	Bhilwara
23	Surawal Bundh	1954	Banas	Sawai Madhopur	26 04 40	76 20 39	40.65	4014.00	25.97	25.55	12.42	475.44	43.00	4910.00	4847.71	4565.00	215.69	Sawai Madhopur
24	Moti sagar Irrig. Proj.	1955	Nalla	Tonk	25 55 42	75 40 27	29.28	1398.00	12.87	12.42	12.37	391.27	28.97	2318.50	2157.00	1780.00	108.78	Tonk
25	Chandsen Bundh	Old	Banas	Malpura	26 20 22	75 27 27	7.80	2070.00	14.70	14.55	25.69	453.00	23.10	3992.00	2597.17	2101.00	155.40	Tonk
26	Mashi Dam	1960	Mashi & Bandi	Niwai	26 24 39	75 45 27	5.10	2103.00	48.14	35.10	15.61	7576.00	94.62	8177.00	6985.00	4890.00	1652.41	Tonk
27	Nand Samand Irrig. Proj.	1957	Banas	Rajsamand	24 55 36	73 46 58	19.20	1002.00	21.22	20.63	4.72	3242.00	42.00	8702.00	7885.00	3255.00	616.60	Rajsamand
28	Mata Ji ka Khera Irrig. Proj.	1959	Banas	Rajsamand	24 56 37	74 03 51	-	-	11.90	11.07	-	-	-	3644.00	3057.00	2140.00	14.16	Rajsamand
29	Badgaon Irrig. Proj.	1966-67	Banas	Mavli	24 42 26	74 05 22	18.75	5202.00	31.52	30.19	9.79	2874.00	28.30	7244.00	6797.00	3440.00	369.94	Chittorgarh
30	Udai Sagar Irrig. Proj.	1964	Berach	Udaipur	24 34 35	73 49 32	19.35	315.00	31.14	27.59	7.70	1420.36	-	5092.4-	4650.00	1943.00	224.20	Udaipur
31	Vallabhnagar Irrig. Proj.	1966-67	Banas	Udaipur	24 39 20	73 59 20	-	5010.00	30.46	28.78	5.50	826.00	5.39	8401.60	6464.60	3237.60	528.04	Udaipur
32	Bagoliya Dam	1956	Berach	Udaipur	24 48 48	73 57 11	13.00	-	19.42	18.85	3.50	-	-	3854.80	3676.00	1962.80	168.35	Udaipur
33	Arwar Dam	1957	Mansi	Shahpura	25 48 18	74 48 30	18.28	5250.00	47.91	47.80	18.80	7500.00	64.80	13570.00	7394.00	5467.00	580.00	Bhilwara
34	Khari Dam	1957	Khari	Asind	25 42 21	74 16 52	17.67	2391.00	38.96	33.30	8.84	67530.00	103.15	10121.00	6478.00	3809.00	510.00	Bhilwara

S. No.	Name of Dam	Year of Const.	River/ Nallah	Nearest City	Latitude, (DMS)	Longitude (DMS)	Ht. Above lowest foundation (m)	Length Of Dam (m)	Gross Storage capacity (Mm³)	Live Storage capacity (Mm3)	Reservoir area at FRL km²	Design Spillway capacity m³/sec	Length of Canal system in km	Command area in Hectares			Free Catchment Area, Km²	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
35	Kothari Dam	1989-90	Kothari	Mandalgarh	25 19 00	74 59 45	21.00	4610.00	26.05	21.52	10.43	207474.00	52.90	6120.00	4395.00	3077.00	328.90	Bhilwara
36	Matrikundia Dam		Banas	Bhilwara	25 02 13	74 18 50	-	-	49.97	49.97	-	-	-		Diversion Dam	-	3415.00	Bhilwara
37	Nahar Sagar	Old tank	Local Nalla	Shahpura	25 43 51	74 57 12	10.67	4685.00	24.63	24.52	15.50	49960.00	27.75	4980.00	4777.00	3506.00	195.00	Bhilwara
38	Sareri Dam	1957	Mansi	Gulabpura	25 41 37	74 34 12	12.80	6336.00	55.77	55.10	18.00	56740.00	83.02	14170.00	9717.00	6303.00	369.00	Bhilwara
39	Ummed Sagar Irrig. Proj.	1917	Local Nalla	Shahpura	25 34 08	74 54 28	10.67	5166.00	17.77	17.77	19.74	43750.00	24.35	5837.00	2968.00	2543.00	174.00	Bhilwara
40	Bassi Dam	1986-87	Local Nallah	Chittorgarh	25 01 57	74 49 23	28.91	520.00	23.20	20.25	4.59	2407.00	15.60	5899.00	3250.00	3169.00	121.70	Chittorgarh
41	Murlia Dam	1967-68	Local Nallah	Nimbahera	24 42 16	74 38 22	10.86	2438.00	9.62	8.47	5.44	475.00	18.45	1497.47	1323.34	957.00	76.77	Chittorgarh
42	Bhopalsagar Irrig. Proj.	old	Banas	Kapasan	24 51 09	74 11 58	28.00	2387.00	18.54	18.42	7.43	645.00	37.15	4401.00	3873.00	2104.00	214.97	Chittorgarh
43	Dindoli Bundh	old	Banas	Rashmi	24 58 52	74 20 36	8.63	1046.00	7.52	7.45	3.40	135.00	7.65	2333.00	2056.00	850.00	20.72	Chittorgarh
44	Gambhiri Bundh	1957-58	Gambhiri	Nimbahera	24 42 11	74 43 48	19.84	3200.00	54.98	53.44	26.00	2510.00	75.82	8385.00	7575.00	5466.00	1036.00	Chittorgarh
45	Orai Dam	1972-73	Banas	Begun	25 02 11	74 50 48	24.38	1365.00	35.28	32.82	6.23	1574.00	31.34	12708.00	9260.00	4630.00	220.32	Chittorgarh
46	Wagan Irrig. Proj.	1982-83	Wagan	Dungla	24 29 34	74 24 38	14.00	3000.00	40.65	37.58	16.00	2427.00	45.75	9790.00	8270.00	5541.00	256.00	Chittorgarh
47	Chandra Bhaga Irrig. Proj.	1957-58	Chandra Bhaga	Shada	25 10 22	74 04 13	10.52	N.A	9,97	9.85	N.A.	1217.78	11.82	6880.00	3342.00	1128.00	132.09	Bhilwara
Chambal Basin																		
48	Parwan Pick up weir	-	-	Baran	24 42 46	76 33 19	-	884.00	diversion	diversion	Nil	13859.50	-	7550.00	7464.00	-	8294.00	Baran
49	Parwan Lift Scheme	2001	-	Baran	24 58 12	76 25 03	4.16	864.00	22.50	19.90	Nil	15608.00	-	10620.00	9531.00	9135.00	9175.00	Baran
50	Gopal pura Dam	1980	Kui	Baran	25 09 53	76 43 52	14.43	4389.00	32.64	32.01	6.29	1229.00	-	5718.00	3557.00	3410.00	229.22	Baran
51	Ummed sagar Irrig. Proj.	State time	Khari	Baran	25 12 00	76 45 30	13.20	4511.00	18.60	18.60	5.52	2101.00	-	5837.00	2968.00	2613.00	480.60	Baran
52	Bilas Irrig. Proj.	-	-	Baran	25 03 18	76 49 40	19.70	3750.00	28.88	26.76	6.50	1812.00	-	6390.00	5863.00	5863.00	233.00	Baran
53	Bethali Irrig. Proj.	-	-	Baran	24 37 14	76 58 21	22.66	2900.00	31.61	29.00	6.90	1312.00	-	5526.00	5026.00	5026.00	143.40	Baran
54	Bhimsagar Irrig. Proj.	1996-97	Ujjar	Khanpur	24 33 45	76 20 03	32.00	161.58	76.60	72.53	18.02	2717.00	45.62	11011.00	9986.00	8988.00	328.30	Jhalawar
55	Chhapi Irrig. Proj.	2004-05	Chhapi	Aklera	24 20 35	76 28 21	34.80	312.00	82.57	73.57	10.85	4370.00	34.24	9642.00	9375.00	14820.00	309.14	Baran
56	Chauli Irrig. Proj.	2004-05	Chauli	Pirawa	24 14 39	76 05 39	21.75	2625.00	53.50	48.22	11.37	1210.00	27.34	8472.00	7794.00	8963.00	211.40	Jhalawar
57	Alnia Dam	1962	Alnia	Kota	25 00 10	75 52 44	14.94	914.40	43.72	43.71	12.10	2605.00	84.50	8986.00	7882.00	5636.00	201.43	Kota
58	Bhimlat Abhaypura Irrig. Proj.	1952	Bhimlat	Bundi	25 17 53	75 24 07	55.25	1599.00	19.10	18.87	4.49	1319.30	38.00	3632.00	3402.00	2586.00	103.74	Bundi
59	Sawan Bhadon Irrig. Proj.	2001	Aru	Kota	24 49 17	76 05 47	28.00	4240.00	30.03	27.85	4.40	1544.00	14.70	6517.00	5850.00	5779.00	146.07	Kota
60	Burdha Dam	State Time	Local Nallah	Bundi	25 14 37	75 41 42	9.58	594.91	28.98	28.97	4.54	1245.20	48.00	5016.60	4272.87	4272.81	334.14	Bundi
61	Bundi Ka Gothra Irrig. Proj.	1957	Local Nallah	Bundi	25 41 28	75 38 51	9.30	1712.30	18.97	18.97	9.73	797.40	22.70	8112.00	5560.00	2783.00	238.28	Bundi
62	Dugari Dam	State Time Tank	Local Nallah	Bundi	25 41 51	75 53 02	7.40	225.60	18.08	18.08	3.12	448.20	7.85	2877.00	2251.00	1560.00	112.66	Bundi
63	Man Sarovar Dam	1952	Kundeli	Khandar	25 55 30	76 26 30	50.00	930.00	17.48	16.21	8.00	921.42	28.80	4041.00	3166.80	3167.00	103.25	Sawai Madhopur
64	Takli Irrig. Proj.	2012	Takli	Kota	24 42 08	75 52 51	16.00	5400.00	33.74	29.90	13.84	2294.00	35.00	8033.00	7386.00	6648.00	-	Kota
65	Lhasi Irrig. Proj.	2012	Lhasi	Baran	24 35 10	76 42 21	17.58	22.23	30.88	28.30	8.45	1619.52	19.50	4321.00	4026.00	4385.00	128.70	Baran
66	Piplad Irrig. Proj.	2009	Piplad	Pachar	24 24 22	75 53 23	15.77	3978.50	24.14	21.50	8.03	1463.00	17.70	5806.00	4688.00	6345.00	114.00	Jhalawar
67	Gagrain Irrig. Proj.	2010	-	Pirawa	24 07 40	75 54 51	2535.00	2535.00	52.60	47.10	-	4447.00	-	10662.00	7943.00	9675.00	569.40	Jhalawar
68	Galwaniya Dam	1954	Banas	Uniyara	25 51 46	76 11 36	6.70	3.28	12.51	11.39	28.76	396.00	17.92	2435.00	2257.00	2257.49	71.60	Tonk
Luni Basin																		
69	Phool Sagar Jalia Irrig. Proj.	1911	Local	Beawar	26 04 06	74 16 27	NA	1710.00	9.77	9.48	NA	11464.00	7.55	2936.50	2350.50	1354.00	10.60	Ajmer
70	Hemawas Irrig. Proj.	State time	Sumer	Pali	25 43 27	73 20 14	12.00	7924.88	62.53	62.53	22.85	2604.06	33.59	9115.00	8704.00	6093.00	907.00	Pali
71	Kharda Bund	State time	Kharda feeder & local catchment	Pali	25 51 55	73 14 41	7.00	3000.00	18.80	18.80	9.87	121.69	17.82	3006.00	2451.00	2220.00	180.00	Pali
72	Giroliya Dam	1976 77	Bandi Nallah	Pali	25 46 10	73 02 46	3.65	3960.00	4.95	4.20	34.55	938.15	15.69	2540.00	2429.00	1215.00	691.00	Pali
73	Raipur luni Dam	1964 68	Raipur Luni River	Raipur	26 01 14	74 03 46	18.90	341.50	12.54	10.95	NA	944.37	22.81	4168.24	2605.15	1563.09	325.11	Pali
74	Ora Dam	1957 58	Khari River	Sheoganj	25 01 41	72 48 36	22.12	5617.46	22.66	22.29	4.86	836.87	1100 CH	5283.40	4616.19	3186.23	92.00	Pali
75	Bankli Bund	1904	Sukari	Bhadrajun	25 42 16	72 52 59	11.74	1148.48	34.51	34.51	13.75	3863.40	38.82	5772.00	5380.00	3767.00	1777.00	Jalore
76	Bandi Sendra Bund	2007	Bandi	Bhinmal	24 57 40	72 26 00	19.00	2704.00	28.68	25.98	6.20	2942.00	44.66	6681.52	6288.81	4615.15	382.00	Jalore

S. No.	Name of Dam	Year of Const.	River/ Nallah	Nearest City	Latitude, (DMS)	Longitude (DMS)	Ht. Above lowest foundation (m)	Length Of Dam (m)	Gross Storage capacity (Mm^3)	Live Storage capacity (Mm3)	Reservoir area at FRL km^2	Design Spillway capacity m^3/sec	Length of Canal system in km	Command area in Hectares			Free Catchment Area, Km^2	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
77	Angore Dam	1988	Krishnawati River	Angore	24 52 53	72 46 09	19.81	2362.79	14.02	13.22	4.05	611.71	40.63	3350.79	3455.28	2630.51	155.39	Sirohi
78	Bisalpura Dam	1991-92	Jojhri	Jodhpur	26 14 00	73 19 00	4.57	8900.16	6.60	5.82	9.77	1834.04	7.16	3075.00	2830.00	2015.50	499.80	Jodhpur
79	Jaswant Sagar	1899	Luni	Jodhpur	26 13 40	73 41 21	13.35	12150.00	52.78	52.58	18.12	7247.73	37.86	7244.13	6379.00	5463.16	3367.00	Jodhpur
Sukli Basin																		
80	Sukli Selwara Irrig. Proj.	2008	Sukli River	Selwara	24 38 58	72 36 15	8.50	4514.00	29.51	25.58	8.37	2908.95	44.67	6820.35	5000.00	5000.00	277.10	Jodhpur
West Banas																		
81	West Banas Irrig. Proj.	1965-66	W. Banas River	Dhanari	24 41 33	72 55 50	16.74	4670.00	39.07	36.25	9.41	1481.56	74.12	9848.00	7952.00	5566.00	414.00	Jodhpur
Mahi Basin																		
82	Surwania Irrig. Proj.	1963-64	Gujariya	Banswara	23 29 26	74 22 06	15.28	3083.00	13.19	11.33	N.A.	31050.00	25.00	2659.00	2228.00	1340.00	106.10	Banswara
83	Somkagdar Irrig. Proj.	1996	Som	Reshabdev	24 01 45	73 37 45	27.02	480.00	36.19	34.44	4.50	3259.00	180.80	9887.00	5739.00	4935.00	564.00	Udaipur

FRL = Full Reservoir Level
GCA = Gross Command Area
ICA = Irrigated Command Area
CCA = Culturable Command Area

Appendix - VII

Basin-wise Salient Features of Existing Major Projects

S.No.	Name of Dam	Year of Construction	River/ Nallah	Nearest City	Latitude (DMS)	Longitude (DMS)	Height above lowest foundation, m	Length of Dam, m	Gross Storage capacity, (Mm3)	Live Storage capacity, (Mm3)	Reser-voir area at FRL, km²	Design Spillway capacity m³/sec	Length of Canal system, km	Command area in Hectares			Free Catchment Area, km²	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Luni Basin																	
1	Sardar Samand Irrig. Proj.	1995	Sukari	Pali	25 58 46	70 23 06	7.62	9000.00	88.23	88.23	93.35	2556.00	64.70	13245.00	10325.00	8562.00	2064.00	Pali
2	Jawai Dam	1957	Jawai River	Sumerpur	25 05 19	73 08 54	37.20	4215.38	207.52	193.90	24.26	4248.09	23.16	46271.70	38671.00	27070.00	778.00	Pali
	Ruparail Basin																	
3	Sikri Bundh	State Time	Rooparail	Sikri	27 32 00	77 04 00	5.17	21790.00	Diversion	36.60	NA	32000.00	140.58	10467.00	10467.00	10467.00	982.70	Bharatpur
	Banganga Basin																	
4	Ramgarh Bund	1901	Banganga	Jama Ramgarh	27 02 46	76 03 38	26.00	3.08	75.02	73.58	-	2100.00	-	15210.00	12160.00	0.00	769.23	Jaipur
	Parvati Basin																	
5	Parbati Irrig. Proj.	1963	Parbati	Bari	26 37 54	77 26 54	28.00	9800.00	120.88	108.29	24.01	1763.00	249.47	32388.00	24667.00	12333.00	786.00	Dhaulpur
	Banas Basin																	
6	Morel Bundh	1952	Morel	Lalsot	26 26 50	76 19 55	24.08	5844.20	76.66	70.69	15.70	1602.00	276.00	21306.00	19393.00	11963.00	3345.00	Dausa
7	Kalakh Sagar	1883	-	Phulera	26 58 38	75 27 08	38.00		20.66	20.66	-	NA	52.00	14569.00	10961.00	4537.00	593.11	Jaipur
8	Chhaparwada Bundh	1894	Mozamabad		26 36 54	74 14 54	13.00	200.00	53.20	53.20	17.44	800.00	97.60	19218.00	11741.00	4010.00	833.98	Jaipur
9	Bisalpur Irrig. Proj.	1999	Banas	Deoli	25 55 29	75 27 22	39.50	574.00	1095.84	938.60	212.30	27297.00	787.00	113723.00	81800.00	58896.00	8655.00	Tonk
10	Galwa Dam	1960	Banas	Uniyara	25 53 27	76 00 49	7.80	6068.00	48.73	47.26	17.74	3240.00	37.08	NA	13391.00	9239.79	393.68	Tonk
11	Tordisagar Bundh	1888	Banas	Malpura	26 12 45	75 25 01	14.10	1.80	47.12	47.12	55.48	-	80.52	16574.00	13960.00	8372.47	704.88	Tonk
12	Meja Irrig. Proj.	1957	Banas	Bhilwara	25 23 35	74 32 26	19.20	9000.00	84.00	83.55	26.50	-	-	25910.00	20714.00	14500.00	1048.00	Bhilwara
13	Rajsamand Irrig. Proj.	1963	Banas	Rajsamand	25 04 06	73 52 34	-	-	107.00	98.50	18.10	2731.29	-	14225.00	10450.00	7311.00	432.86	Rajsamand
14	Gosunda Irrignation Proj.	-	Banas	Chittorgarh	24 49 35	74 32 23	-	-	101.28	66.98	23.39	-	-	16137.00	4662.00	-		Chittorgarh
	Chambal Basin																	
15	Gudha Bundh	1958	Local nalla	Bundi	25 29 22	75 28 02	23.39	2408.00	95.56	93.68	18.58	1686.00	102.28	18141.00	11380.00	11209.00	558.16	Bundi
16	Parwati Pick up weir	State time	Chambal	Baran	24 54 23	76 40 58	2.30	-	Diversion	141.10	Nil	15850.00	-	12990.00	12550.00	7530.00	10205.00	Baran
17	Harishchandra Sagar	1956 57	Chambal	Khanpur	24 36 47	76 11 02	0.00		Pickup Weir		-	18406.00	-	22472.00	17978.00	12585.00	12039.00	Jhalawar
18	Kota Barrage	1960	Chambal	Kota	25 10 38	75 49 31	37.34	551.86	112.00	93.67	5.82	24069.00	2567.00	485000.00	229000.00	-	27332.00	Kota
19	Jawahar Sagar Dam	1973	Chambal	Kota	25 02 13	75 40 40	44.80	335.00	67.84	52.00	9.60	21225.00	-	-	-	-	27195.00	Kota
20	Rana Pratap Sagar Dam	1970	Chambal	Chittorgarh	24 55 03	75 35 01	53.95	1143.00	2898.69	1566.53	198.26	18408.00	21044.00	566.60	500.19	396.59	9800.00	Chittorgarh
	Mahi Basin																	
21	Jakham Irrig. Proj.	1986	Jakham River	Dhariawad	24 10 11	74 35 28	81.00	253.00	142.02	132.28	11.90	7950.00	74.02	38901.00	28307.92	23495.67	1010.00	Udaipur
22	Mahi Bajaj Sagar	1983	Mahi	Banswara	23 37 40	74 32 45	74.50	3109.00	2180.39	1833.72	139.00	23262.00	2200.00	135000.00	80000.00	71200.00	3149.00	Banswara
23	Som Kamla Amba Irrig. Proj.	1999	Som	Dungarpur	23 58 43	74 01 57	34.50	620.00	172.80	160.30	27.42	20093.00	350.00	25088.00	17724.00	18788.00	1242.50	Dungarpur
24	Jaisamand Irrig. Proj.	1730	Gomti	Udaipur	24 14 30	73 57 10	52.06	335.00	414.60	296.10	52.60	4706.00	330.90	37282.00	16000.00	14400.00	1654.00	Udaipur

FRL = Full Reservoir Level
GCA = Gross Command Area
ICA = Irrigated Command Area
CCA = Culturable Command Area
MCM = Million Cubic Metres

Appendix VII
Basin-wise Salient features of Existing Medium Projects

S. No.	Name of Dam	Year of Const.	River/ Nallah	Nearest City	Latitude, (DMS)	Longitude (DMS)	Ht. Above lowest foundation (m)	Length of Dam (m)	Gross Storage capacity (Mm^3)	Live Storage capacity (Mm3)	Reservoir area at FRL km²	Design Spillway capacity m³/sec	Length of Canal system in km	Command area in Hectares			Free Catchment Area, Km²	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
Shekhawati Basin																		
1	Raipur patan Irrig. Proj.	1968	Krishnawati	Raipur	27 45 29	75 58 01	10.00	1524.00	9.17	8.32	3.31	510.30	21.79	2745.00	2207.00	951.00	155.40	Sikar
Ruparel Basin																		
2	Jai samand Irrig. Proj.	1910	Ruparail	Alwar	27 29 31	76 35 12	8.48	1396.00	26.96	24.92	4.69	N.A	27550.00	5590.40	4790.28	3663.60	163.09	Alwar
Banganga Basin																		
3	Ajan Lower Bundh	1875	Banganga	Bhartpur	27 09 57	77 28 30	5.16	15550.00	17.97	17.97	36.40	16280.00	40.73	8097.00	8097.00	8097.00	217.56	Bharatpur
4	Kala kho Bundh	1953	Kharandi	Dausa	26 54 41	76 28 24	15.86	2320.00	13.28	10.82	7.24	430.42	48.00	3778.00	3400.00	1853.00	133.76	Dausa
5	Sainthal Sagar Irrig. Proj.	1998	Sawa River	Dausa	27 01 50	76 15 38	17.00	4180.00	13.73	12.80	5.46	811.00	28.02	4050.00	3267.00	1960.00	255.00	Dausa
6	Madho Sagar Irrig. Proj.	1887	Choi River	Sikarai	26 50 32	76 39 02	14.63	2440.00	22.61	22.50	NA	108.31	34.45	5385.00	3232.00	2382.00	75.40	Dausa
7	Kharad Bundh	1877	Local Nallah	Jama Ramgarh	25 51 55	73 14 41	18.30	N.A	9.19	9.19	NA	156.85		5800.00	4073.00	2404.00	69.12	Jaipur
Gambhir Basin																		
8	Baretha Bundh	1897	Kukund	Bayana	26 53 48	77 22 27	11.28	1150.00	52.64	50.64	13.72	2008.00	65.22	4388.00	4243.00	2970.00	182.00	Bharatpur
9	Juggar Dam	1957	Juggar River	Hindaun	26 43 15	77 05 45	19.15	-	34.97	31.51	9.36	84756.00	-	6264.00	5927.00	4445.00	227.82	Hindon
10	Panchana Dam	2006	Gambhiri	Karauli	26 33 30	77 00 00	85.00	1163.00	59.45	52.65	12.53	202000.00	310.35-	11172.00	9985.00	13410.00	621.60	Kauroli
Parbati Basin																		
11	Ramsagar Dam	State time	Bamani	Bari	26 36 10	77 35 04	10.13	5000.00	30.83	29.39	7.40	395.00	54.71	6231.40	5608.29	3642.30	176.12	Dholpur
12	Urmila Sagar Irrig. Proj.	1905	Babudhen	Dholpur	26 39 13	77 45 31	15.82	3000.00	16.22	15.14	1.87	256.00	29.72	3138.45	2900.00	1535.38	77.70	Dholpur
Sabi Basin																		
13	Buchara Dam	1889	Local Nallah	Kotputali	27 35 22	75 57 55	29.00	570.00	16.36	16.36	4.43	731.00	13.30	3247.00	2638.00	2053.00	220.06	Jaipur
14	Chhitoli Dam	1950	Sabi	Viratnagar	27 28 47	76 07 44	19.50	533.40	24.38	22.23	5.30	26.56	8.60	2539.41	2280.18	2036.95	153.60	Jaipur
Banas Basin																		
15	Narain Sagar Jalia IInd Irrig. Proj.	1967	Khari	Masuda	25 55 52	74 33 15	8076.00	8076.00	19.95	19.82	7.84	2840.00	35.84	4351.00	4087.00	2854.00	23.83	Ajmer
16	Lassadia Bundh	1980-81	Dai Nadi	Kekri	26 02 50	75 10 51	8.00	4325.00	11.49	10.65	2.64	2180.00	2.00	2320.00	2080.00	1352.00	147.00	Ajmer
17	Hingonia Bundh	State time	Local Nallah	Phagi	26 47 00	75 27 45	15.50	1950.00	7.50	7.50	-	NA	16.00	3031.00	2078.00	1238.00	411.81	Jaipur
18	Mora Sagar Irrig. Proj.	1887	Banas	Bamanwas	26 39 48	76 32 20	16.65	880.00	15.57	15.50	5.80	489.00	110.27	2079.00	7374.00	7374.00	193.00	Sawai Madhopur
19	Dheel Bundh	1911	Dheel	Bonli	26 13 24	76 07 03	17.52	5200.00	27.73	27.73	17.70	226.40	93.60	6640.00	5943.32	3350.00	688.90	Sawai Madhopur

S. No.	Name of Dam	Year of Const.	River/ Nallah	Nearest City	Latitude, (DMS)	Longitude (DMS)	Ht. Above lowest foundation (m)	Length of Dam (m)	Gross Storage capacity (Mm^3)	Live Storage capacity (Mm3)	Reservoir area at FRL km²	Design Spillway capacity m³/sec	Length of Canal system in km	Command area in Hectares			Free Catchment Area, Km²	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
20	Kalisil Bundh	1956	Kalisil	Sapotara	26 16 05	76 45 56	22.12	2560.00	41.70	37.25	9.37	889.00		4868.00	4700.00	3740.00	331.52	Kauroli
21	Jetpura Bundh	1978	Banas	Bhilwara	25 15 00	75 12 24	21.80	585.00	18.54	16.39	3.78	-	14.19	4050.00	3730.00	2120.00	129.50	Bhilwara
22	Mandal Dam	1905	Local Nallah	Mandalgarh	25 26 53	74 34 01	26.00	1600.00	13.80	11.87	2.14	1300.00	-	-	3818.00	-	99.00	Bhilwara
23	Surawal Bundh	1954	Banas	Sawai Madhopur	26 04 40	76 20 39	40.65	4014.00	25.97	25.55	12.42	475.44	43.00	4910.00	4847.71	4565.00	215.69	Sawai Madhopur
24	Moti sagar Irrig. Proj.	1955	Nalla	Tonk	25 55 42	75 40 27	29.28	1398.00	12.87	12.42	12.37	391.27	28.97	2318.50	2157.00	1780.00	108.78	Tonk
25	Chandsen Bundh	Old	Banas	Malpura	26 20 22	75 27 27	7.80	2070.00	14.70	14.55	25.69	453.00	23.10	3992.00	2597.17	2101.00	155.40	Tonk
26	Mashi Dam	1960	Mashi & Bandi	Niwai	26 24 39	75 45 27	5.10	2103.00	48.14	35.10	15.61	7576.00	94.62	8177.00	6985.00	4890.00	1652.41	Tonk
27	Nand Samand Irrig. Proj.	1957	Banas	Rajsamand	24 55 36	73 46 58	19.20	1002.00	21.22	20.63	4.72	3242.00	42.00	8702.00	7885.00	3255.00	616.60	Rajsamand
28	Mata Ji ka Khera Irrig. Proj.	1959	Banas	Rajsamand	24 56 37	74 03 51	-	-	11.90	11.07	-	-	-	3644.00	3057.00	2140.00	14.16	Rajsamand
29	Badgaon Irrig. Proj.	1966-67	Banas	Mavli	24 42 26	74 05 22	18.75	5202.00	31.52	30.19	9.79	2874.00	28.30	7244.00	6797.00	3440.00	369.94	Chittorgarh
30	Udai Sagar Irrig. Proj.	1964	Bearch	Udaipur	24 34 35	73 49 32	19.35	315.00	31.14	27.59	7.70	1420.36	-	5092.4-	4650.00	1943.00	224.20	Udaipur
31	Vallabhnagar Irrig. Proj.	1966-67	Banas	Udaipur	24 39 20	73 59 20	-	5010.00	30.46	28.78	5.50	826.00	5.39	8401.60	6464.60	3237.60	528.04	Udaipur
32	Bagoliya Dam	1956	Bearch	Udaipur	24 48 48	73 57 11	13.00	-	19.42	18.85	3.50	-	-	3854.80	3676.00	1962.80	168.35	Udaipur
33	Arwar Dam	1957	Mansi	Shahpura	25 48 18	74 48 30	18.28	5250.00	47.91	47.80	18.80	7500.00	64.80	13570.00	7394.00	5467.00	580.00	Bhilwara
34	Khari Dam	1957	Khari	Asind	25 42 21	74 16 52	17.67	2391.00	38.96	33.30	8.84	67530.00	103.15	10121.00	6478.00	3809.00	510.00	Bhilwara
35	Kothari Dam	1989-90	Kothari	Mandalgarh	25 19 00	74 59 45	21.00	4610.00	26.05	21.52	10.43	207474.00	52.90	6120.00	4395.00	3077.00	328.90	Bhilwara
36	Matrikundia Dam		Banas	Bhilwara	25 02 13	74 18 50	-	-	-	49.97	-	-	-		Diversion Dam	-	3415.00	Bhilwara
37	Nahar Sagar	Old tank	Local Nalla	Shahpura	25 43 51	74 57 12	10.67	4685.00	24.63	24.52	15.50	49960.00	27.75	4980.00	4777.00	3506.00	195.00	Bhilwara
38	Sareri Dam	1957	Mansi	Gulabpura	25 41 37	74 34 12	12.80	6336.00	55.77	55.10	18.00	56740.00	83.02	14170.00	9717.00	6303.00	369.00	Bhilwara
39	Ummed Sagar Irrig. Proj.	1917	Local Nalla	Shahpura	25 34 08	74 54 28	10.67	5166.00	17.77	17.77	19.74	43750.00	24.35	5837.00	2968.00	2543.00	174.00	Bhilwara
40	Bassi Dam	1986-87	Local Nallah	Chittorgarh	25 01 57	74 49 23	28.91	520.00	23.20	20.25	4.59	2407.00	15.60	5899.00	3250.00	3169.00	121.70	Chittorgarh
41	Murlia Dam	1967-68	Local Nallah	Nimbahera	24 42 16	74 38 22	10.86	2438.00	9.62	8.47	5.44	475.00	18.45	1497.47	1323.34	957.00	76.77	Chittorgarh
42	Bhopalsagar Irrig. Proj.	old	Banas	Kapasan	24 51 09	74 11 58	28.00	2387.00	18.54	18.42	7.43	645.00	37.15	4401.00	3873.00	2104.00	214.97	Chittorgarh
43	Dindoli Bundh	old	Banas	Rashmi	24 58 52	74 20 36	8.63	1046.00	7.52	7.45	3.40	135.00	7.65	2333.00	2056.00	850.00	20.72	Chittorgarh
44	Gambhiri Bundh	1957-58	Gambhiri	Nimbahera	24 42 11	74 43 48	19.84	3200.00	54.98	53.44	26.00	2510.00	75.82	8385.00	7575.00	5466.00	1036.00	Chittorgarh
45	Orai Dam	1972-73	Banas	Begun	25 02 11	74 50 48	24.38	1365.00	35.28	32.82	6.23	1574.00	31.34	12708.00	9260.00	4630.00	220.32	Chittorgarh

S. No.	Name of Dam	Year of Const.	River/ Nallah	Nearest City	Latitude, (DMS)	Longitude (DMS)	Ht. Above lowest foundation (m)	Length of Dam (m)	Gross Storage capacity (Mm^3)	Live Storage capacity (Mm3)	Reservoir area at FRL km²	Design Spillway capacity m³/sec	Length of Canal system in km	Command area in Hectares			Free Catchment Area, Km²	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
46	Wagan Irrig. Proj.	1982-83	Wagan	Dungla	24 29 34	74 24 38	14.00	3000.00	40.65	37.58	16.00	2427.00	45.75	9790.00	8270.00	5541.00	256.00	Chittorgarh
47	Chandra Bhaga Irrig. Proj.	1957-58	Chandra Bhaga	Shada	25 10 22	74 04 13	10.52	N.A	9,97	9.85	N.A.	1217.78	11.82	6880.00	3342.00	1128.00	132.09	Bhilwara
	Chambal Basin																	
48	Parwan Pick up weir	-	-	Baran	24 42 46	76 33 19	-	884.00	diversion	diversion	Nil	13859.50	-	7550.00	7464.00	-	8294.00	Baran
49	Parwan Lift Scheme	2001	-	Baran	24 58 12	76 25 03	4.16	864.00	22.50	19.90	Nil	15608.00	-	10620.00	9531.00	9135.00	9175.00	Baran
50	Gopal pura Dam	1980	Kui	Baran	25 09 53	76 43 52	14.43	4389.00	32.64	32.01	6.29	1229.00	-	5718.00	3557.00	3410.00	229.22	Baran
51	Ummed sagar Irrig. Proj.	State time	Khari	Baran	25 12 00	76 45 30	13.20	4511.00	18.60	18.60	5.52	2101.00	-	5837.00	2968.00	2613.00	480.60	Baran
52	Bilas Irrig. Proj.	-	-	Baran	25 03 18	76 49 40	19.70	3750.00	28.88	26.76	6.50	1812.00	-	6390.00	5863.00	5863.00	233.00	Baran
53	Bethali Irrig. Proj.	-	-	Baran	24 37 14	76 58 21	22.66	2900.00	31.61	29.00	6.90	1312.00	-	5526.00	5026.00	5026.00	143.40	Baran
54	Bhimsagar Irrig. Proj.	1996-97	Ujjar	Khanpur	24 33 45	76 20 03	32.00	161.58	76.60	72.53	18.02	2717.00	45.62	11011.00	9986.00	8988.00	328.30	Jhalawar
55	Chhapi Irrig. Proj.	2005-06	Chhapi	Aklera	24 20 35	76 28 21	34.80	312.00	82.57	73.57	10.85	4370.00	34.24	9642.00	9375.00	14820.00	309.14	Baran
56	Chauli Irrig. Proj.	2006-07	Chauli	Pirawa	24 14 39	76 05 39	21.75	2625.00	53.50	48.22	11.37	1210.00	27.34	8472.00	7794.00	8963.00	211.40	Jhalawar
57	Alnia Dam	1962	Alnia	Kota	25 00 10	75 52 44	14.94	914.40	43.72	43.71	12.10	2605.00	84.50	8986.00	7882.00	5636.00	201.43	Kota
58	Bhimlat Abhaypura Irrig. Proj.	1952	Bhimlat	Bundi	25 17 53	75 24 07	55.25	1599.00	19.10	18.87	4.49	1319.30	38.00	3632.00	3402.00	2586.00	103.74	Bundi
59	Sawan Bhadon Irrig. Proj.	2001	Aru	Kota	24 49 17	76 05 47	28.00	4240.00	30.03	27.85	4.40	1544.00	14.70	6517.00	5850.00	5779.00	146.07	Kota
60	Burdha Dam	State Time	Local Nallah	Bundi	25 14 37	75 41 42	9.58	594.91	28.98	28.97	4.54	1245.20	48.00	5016.60	4272.87	4272.81	334.14	Bundi
61	Bundi Ka Gothra Irrig. Proj.	1957	Local Nallah	Bundi	25 41 28	75 38 51	9.30	1712.30	18.97	18.97	9.73	797.40	22.70	8112.00	5560.00	2783.00	238.28	Bundi
62	Dugari Dam	State Time Tank	Local Nallah	Bundi	25 41 51	75 53 02	7.40	225.60	18.08	18.08	3.12	448.20	7.85	2877.00	2251.00	1560.00	112.66	Bundi
63	Man Sarovar Dam	1952	Kundeli	Khandar	25 55 30	76 26 30	50.00	930.00	17.48	16.21	8.00	921.42	28.80	4041.00	3166.80	3167.00	103.25	Sawai Madhopur
64	Takli Irrig. Proj.	2012	Takli	Kota	24 42 08	75 52 51	16.00	5400.00	33.74	29.90	13.84	2294.00	35.00	8033.00	7386.00	6648.00	-	Kota
65	Lhasi Irrig. Proj.	2012	Lhasi	Baran	24 35 10	76 42 21	17.58	22.23	30.88	28.30	8.45	1619.52	19.50	4321.00	4026.00	4385.00	128.70	Baran
66	Piplad Irrig. Proj.	2009	Piplad	Pachar	24 24 22	75 53 23	15.77	3978.50	24.14	21.50	8.03	1463.00	17.70	5806.00	4688.00	6345.00	114.00	Jhalawar
67	Gagrain Irrig. Proj.	2010	-	Pirawa	24 07 40	75 54 51	2535.00	2535.00	52.60	47.10	-	4447.00	-	10662.00	7943.00	9675.00	569.40	Jhalawar

S. No.	Name of Dam	Year of Const.	River/ Nallah	Nearest City	Latitude, (DMS)	Longitude (DMS)	Ht. Above lowest foundation (m)	Length of Dam (m)	Gross Storage capacity (Mm^3)	Live Storage capacity (Mm3)	Reservoir area at FRL km²	Design Spillway capacity m³/sec	Length of Canal system in km	Command area in Hectares			Free Catchment Area, Km²	Districts
														GCA	CCA	ICA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
68	Galwaniya Dam	1954	Banas	Uniyara	25 51 46	76 11 36	6.70	3.28	12.51	11.39	28.76	396.00	17.92	2435.00	2257.00	2257.49	71.60	Tonk
	Luni Basin																	
69	Phool Sagar Jalia Irrig. Proj.	1911	Local	Beawar	26 04 06	74 16 27	NA	1710.00	9.77	9.48	NA	11464.00	7.55	2936.50	2350.50	1354.00	10.60	Ajmer
70	Hemawas Irrig. Proj.	State time	Sumer	Pali	25 43 27	73 20 14	12.00	7924.88	62.53	62.53	22.85	2604.06	33.59	9115.00	8704.00	6093.00	907.00	Pali
71	Kharda Bund	State time	Kharda feeder & local catchment	Pali	25 51 55	73 14 41	7.00	3000.00	18.80	18.80	9.87	121.69	17.82	3006.00	2451.00	2220.00	180.00	Pali
72	Giroliya Dam	1976 77	Bandi Nallah	Pali	25 46 10	73 02 46	3.65	3960.00	4.95	4.20	34.55	938.15	15.69	2540.00	2429.00	1215.00	691.00	Pali
73	Raipur luni Dam	1964 68	Raipur Luni River	Raipur	26 01 14	74 03 46	18.90	341.50	12.54	10.95	NA	944.37	22.81	4168.24	2605.15	1563.09	325.11	Pali
74	Ora Dam	1957 58	Khari River	Sheoganj	25 01 41	72 48 36	22.12	5617.46	22.66	22.29	4.86	836.87	1100 CH	5283.40	4616.19	3186.23	92.00	Pali
75	Bankli Bund	1904	Sukari	Bhadrajun	25 42 16	72 52 59	11.74	1148.48	34.51	34.51	13.75	3863.40	38.82	5772.00	5380.00	3767.00	1777.00	Jalore
76	Bandi Sendra Bund	2007	Bandi	Bhinmal	24 57 40	72 26 00	19.00	2704.00	28.68	25.98	6.20	2942.00	44.66	6681.52	6288.81	4615.15	382.00	Jalore
77	Angore Dam	1988	Krishnawati River	Angore	24 52 53	72 46 09	19.81	2362.79	14.02	13.22	4.05	611.71	40.63	3350.79	3455.28	2630.51	155.39	Sirohi
78	Bisalpura Dam	1991-92	Jozhri	Jodhpur	26 14 00	73 19 00	4.57	8900.16	6.60	5.82	9.77	1834.04	7.16	3075.00	2830.00	2015.50	499.80	Jhodpur
79	Jaswant Sagar	1899	Luni	Jhodpur	26 13 40	73 41 21	13.35	12150.00	52.78	52.58	18.12	7247.73	37.86	7244.13	6379.00	5463.16	3367.00	Jhodpur
	Sukli Basin																	
80	Sukli Selwara Irrig. Proj.	2008	Sukli River	Selwara	24 38 58	72 36 15	8.50	4514.00	29.51	25.58	8.37	2908.95	44.67	6820.35	5000.00	5000.00	277.10	Jodhpur
	West Banas																	
81	West Banas Irrig. Proj.	1965-66	W. Banas River	Dhanari	24 41 33	72 55 50	16.74	4670.00	39.07	36.25	9.41	1481.56	74.12	9848.00	7952.00	5566.00	414.00	Jodhpur
	Mahi Basin																	
82	Surwania Irrig. Proj.	1963-64	Gujariya	Banswara	23 29 26	74 22 06	15.28	3083.00	13.19	11.33	N.A.	31050.00	25.00	2659.00	2228.00	1340.00	106.10	Banswara
83	Somkagdar Irrig. Proj.	1996	Som	Reshabdev	24 01 45	73 37 45	27.02	480.00	36.19	34.44	4.50	3259.00	180.80	9887.00	5739.00	4935.00	564.00	Udaipur

FRL = Full Reservoir Level
GCA = Gross Command Area
ICA = Irrigated Command Area
CCA = Culturable Command Area

Appendix VIII

Observed Gauge-Capacity Data of Reservoirs

(in soft copy)

Appendix VIII - Observed Gauge-Capacity Data of Reservoirs Parbati Basin

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 21.06.2009 to 30.6.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st November 2008	1269.52	550	1155.88	6657	974.10	7125	852.57	-	5030	1400	6430	1328	
2nd November 2008	1269.50	625	1155.65	8315	973.70	9476	853.69	-	5358	1400	6758	1467	
3rd November 2008	1269.47	709	1155.31	9422	974.20	7960	853.88	-	5996	1445	7441	1893	
4th November 2008	1269.44	1682	1154.94	8335	976.00	8541	853.75	-	6153	1500	7653	2053	
5th November 2008	1269.38	2462	1154.60	9009	976.10	8505	853.80	-	6150	1500	7650	2157	
6th November 2008	1269.30	3215	1154.33	8503	977.20	8709	853.88	-	6146	1500	7646	2202	
7th November 2008	1269.19	3172	1154.18	8295	976.40	8277	853.75	-	6150	1500	7650	2190	
8th November 2008	1269.08	4724	1154.00	8440	976.70	8470	853.89	-	6150	1500	7650	2175	
9th November 2008	1268.93	4706	1153.82	7953	976.50	8314	853.75	-	6150	1500	7650	2199	
10th November 2008	1268.78	4448	1153.66	8059	976.40	8007	853.84	-	6150	1500	7650	2211	
Total in cusec days		**26293**		**82988**		**83384**		**0**	**59433**	**14745**	**74178**	**19875**	

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 11.11.2008 to 20.11.2008

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th November 2008	1268.63	3502	1153.49	9317	977.40	8846	853.90	0	6150	1500	7650	2378	
12th November 2008	1268.46	4769	1153.37	8032	976.90	8570	853.84	211	6150	1500	7650	2362	
13th November 2008	1268.30	5843	1153.17	9372	978.00	9031	853.85	212	6150	1500	7650	2444	
14th November 2008	1268.11	4724	1153.10	7663	977.50	8364	853.68	0	6134	1500	7634	2459	
15th November 2008	1267.94	5055	1152.95	8581	978.00	8718	853.80	0	6092	1500	7592	2453	
16th November 2008	1267.75	4290	1152.66	7856	978.10	8490	853.89	0	6134	1500	7634	2577	
17th November 2008	1267.59	4204	1152.34	9089	977.90	8819	853.96	0	6150	1500	7650	2715	
18th November 2008	1267.43	3388	1152.12	7290	977.70	8575	853.93	0	6150	1500	7650	2810	
19th November 2008	1267.29	2716	1152.00	8592	977.80	8822	853.90	0	6150	1500	7650	3047	
20th November 2008	1267.19	2911	1151.81	8557	977.60	8534	853.90	0	6109	1500	7609	3155	
Total in cusec days		**41402**		**84349**		**86769**		**423**	**61369**	**15000**	**76369**	**26400**	

Executive Engineer & TA

to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 21.11.2008 to 30.11.2008

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st November 2008	1267.08	2672	1151.48	7856	978.10	8168	853.96	0	5819	1500	7319	3360	
22nd November 2008	1266.98	3037	1151.30	7686	977.90	8287	853.89	0	5775	1442	7217	3078	
23rd November 2008	1266.87	1787	1151.00	8145	978.00	8171	853.86	0	5713	1363	7076	3140	
24th November 2008	1266.80	1263	1150.74	7737	977.80	7847	853.87	0	5625	1300	6925	3105	
25th November 2008	1266.75	2175	1150.54	7688	977.70	7504	853.92	0	5600	1300	6900	3145	
26th November 2008	1266.67	2762	1150.29	7330	977.90	7221	853.94	0	5431	1300	6731	3225	
27th November 2008	1266.50	8357	1150.05	7417	977.70	7290	853.88	0	5256	1300	6556	3273	
28th November 2008	1266.27	325	1149.87	6950	977.70	7014	853.95	0	5250	1267	6517	3217	
29th November 2008	1266.25	414	1149.66	7200	977.30	7464	853.90	0	5250	1100	6350	3251	
30th November 2008	1266.23	202	1149.34	6736	977.60	7101	853.90	0	5156	1100	6256	3319	

Total in cusec days	**22994**		**74745**		**76067**		**0**	**54875**	**12972**	**67847**	**32113**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet
Discharge in cusec days

Period 21.12.2008 to 31.12.2008

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st December 2008	1264.69	0	1143.99	7621	977.5	8405	853.81	0	6000	1500	7500	2764	
22nd December 2008	1264.68	0	1143.63	8380	977.3	8527	853.78	0	5975	1500	7475	2735	
23rd December 2008	1264.67	0	1143.25	8132	977.4	8982	853.91	0	5952	1500	7452	2762	
24th December 2008	1264.66	0	1142.79	8515	977.5	8254	853.91	0	5990	1500	7490	2784	
25th December 2008	1264.65	654	1142.36	7840	978	8596	853.86	0	5990	1500	7490	2771	
26th December 2008	1264.62	777	1142.01	8328	977.7	8604	853.94	0	6000	1500	7500	2723	
27th December 2008	1264.59	701	1141.61	7860	978	8417	853.88	0	5984	1500	7484	2768	
28th December 2008	1264.56	747	1141.25	7888	977.7	8622	853.88	0	5990	1500	7490	2747	
29th December 2008	1264.53	1988	1140.92	8139	977.4	8046	853.92	0	5993	1500	7493	2716	

30th December 2008	1264.45	1878	1140.63	7985	977.6	8324	853.78	0	5962	1500	7462	2734	
31st December 2008	1264.38	2264	1140.3	8692	977.6	8596	853.93	0	5993	1500	7493	2698	
Total in cusec days		**9009**		**89380**		**93373**		**0**	**65829**	**16500**	**82329**	**30202**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet
Discharge in cusec days

Period 1.1.2009 to 10.1.2009

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st January 2009	1264.29	1006	1139.95	6350	978.6	7994	853.88	0	6000	1500	7500	2832	
2nd January 2009	1264.25	1265	1139.71	8315	977.3	8597	853.84	0	5981	1404	7385	2936	
3rd January 2009	1264.20	738	1139.35	8103	978	7514	853.97	0	5997	1000	6997	2946	
4th January 2009	1264.17	481	1139.03	7322	978.1	7470	854	0	6000	1000	7000	2992	
5th January 2009	1264.15	519	1138.72	7608	978.3	7608	854	0	6000	1000	7000	3016	
6th January 2009	1264.13	1039	1138.4	7171	978	7723	854.08	0	6000	1000	7000	3120	
7th January 2009	1264.09	2590	1138.06	7061	978.1	7262	854.09	212	5656	1000	6656	3102	
8th January 2009	1263.99	816	1137.86	6773	977.6	7035	854.06	212	5025	1000	6025	3088	
9th January 2009	1263.96	697	1137.46	6550	978.1	6637	854.1	0	5025	1062	6087	2788	
10th January 2009	1263.93	0	1137.3	6162	978.5	6140	853.86	0	4685	1358	6043	2756	
Total in cusec days		**9151**		**71415**		**73980**		**424**	**56369**	**11324**	**67693**	**29576**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 11.1.2009 to 20.1.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st January 2009											0		
22nd January 2009											0		
23rd January 2009											0		
24th January 2009											0		
25th January 2009											0		
26th January 2009											0		
27th January 2009											0		
28th January 2009											0		
29th January 2009											0		
30th January 2009											0		
Total in cusec days		**0**		**0**		**0**		**0**	**0**	**0**	**0**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 21.01.2009 to 31.1.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st Jan. 2009	1263.76	840	1133.92	6005	978.2	5655	853.76	0	3900	1500	5400	933	
22nd Jan. 2009	1263.73	1903	1133.6	5961	978.4	6353	853.75	0	3900	1500	5400	712	
23rd Jan. 2009	1263.63	6003	1133.37	6196	978.1	6343	853.75	0	3900	1500	5400	649	
24th Jan. 2009	1263.44	3216	1133.24	6704	978.1	6961	853.94	0	3900	1500	5400	717	
25th Jan. 2009	1263.32	3109	1133.21	5434	978.2	6144	854.06	0	3652	1500	5152	735	
26th Jan. 2009	1263.17	3271	1133.06	4784	978.0	5665	853.91	0	3525	1500	5025	762	
27th Jan. 2009	1263.07	3377	1132.92	6217	978.1	4978	853.87	0	3525	1500	5025	362	
28th Jan. 2009	1262.91	3415	1132.76	6985	978.2	6192	853.90	0	3525	1500	5025	581	
29th Jan. 2009	1262.76	4183	1132.58	5820	977.7	6281	853.95	0	3525	1446	4971	691	
30th Jan. 2009	1262.56	4771	1132.46	4903	977.6	5837	853.99	0	3525	1400	4925	656	
31st Jan. 2009	1262.36	4064	1132.42	6012	977.5	5978	853.93	0	3525	1400	4925	638	
Total		38152		65021		66387			40402	16246	56648	7436	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Period 01.02.2009 to 10.02.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st Feb. 2009	1262.18	4200	1132.29	5491	978.2	5849	853.8	0	3525	1400	4925	666	
2nd Feb. 2009	1261.98	4603	1132.15	6333	977.6	6091	853.91	0	3525	1400	4925	653	
3rd Feb. 2009	1261.75	4735	1132.02	5779	977.9	6065	853.61	0	3525	1400	4925	652	
4th Feb. 2009	1261.52	5263	1131.92	6397	978	5670	853.98	0	3158	1400	4558	661	
5th Feb. 2009	1261.27	3997	1131.94	5013	977.9	5746	853.92	0	3225	1400	4625	593	
6th Feb. 2009	1261.15	3522	1131.82	5247	977.6	5618	853.9	0	3225	1400	4625	400	
7th Feb. 2009	1260.63	5262	1131.68	5666	977.9	5793	853.93	0	3225	1400	4625	383	
8th Feb. 2009	1260.74	3232	1131.61	5591	978.4	5785	853.85	0	3225	1400	4625	462	
9th Feb. 2009	1260.59	4555	1131.49	5702	977.9	5920	853.94	0	3225	1400	4625	569	
10th Feb. 2009	1260.3	2919	1131.39	3267	977.7	3238	853.74	0	3225	1400	4625	514	
Total		42288		54486		55775			33083	14000	47083	5553	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 11.02.2009 to 20.02.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th Feb. 2009	1260.28	777	1131.32	5528	976.80	3774	853.42	0	2559	921	3480	482	
12th Feb. 2009	1260.24	904	1131.11	0	978.00	0	852.80	0	173	0	173	374	
13th Feb. 2009	1260.15	3917	1131.10	0	978.10	39	852.49	0	25	0	25	284	
14th Feb. 2009	1260.02	777	1131.26	0	978.10	0	852.24	0	25	0	25	176	
15th Feb. 2009	1259.98	660	1131.28	0	978.20	0	851.98	0	25	0	25	170	
16th Feb. 2009	1259.95	218	1131.30	0	978.20	0	851.70	0	25	0	25	117	
17th Feb. 2009	1259.93	943	1131.38	0	978.30	0	851.42	0	25	0	25	66	
18th Feb. 2009	1259.88	1053	1131.36	0	978.30	0	851.20	0	25	0	25	0	
19th Feb. 2009	1259.83	1291	1131.36	0	978.40	0	850.95	0	25	0	25	0	
20th Feb. 2009	1259.77	918	1131.38	0	978.40	200	850.74	0	25	0	25	0	
Total		11458		5528		4013		0	2932	921	3853	1669	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 21.02.2009 to 28.02.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st Feb. 2009	1259.72	1668	1131.41	0	978.00	324	851.08	0	25	0	25	0	
22nd Feb. 2009	1259.64	2112	1131.43	0	978.00	0	850.87	0	25	0	25	0	

23rd Feb. 2009	1259.54	1966	1131.56	0	978.10	0	850.64	0	25	0	25	0	
24th Feb. 2009	1259.45	1024	1131.63	0	978.20	0	850.4	0	25	0	25	0	
25th Feb. 2009	1259.4	1760	1131.69	0	978.30	0	850.14	0	25	0	25	0	
26th Feb. 2009	1259.32	1162	1131.76	0	978.40	0	849.93	0	25	0	25	0	
27th Feb. 2009	1259.28	1645	1131.8	0	978.40	0	849.69	0	25	0	25	0	
28th Feb. 2009	1259.2	1598	1131.83	0	978.50	0	849.43	0	25	0	25	0	
Total		12935		0		324			200	0	200	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 1.03.2009 to 10.03.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st March 2009	1259.12	1353	1131.85	0	978.60	0	849.23	0	25	0	25	0	
2nd March 2009	1259.05	494	1131.9	0	978.60	0	849.07	0	25	0	25	0	
3rd March 2009	1259.01	2198	1131.94	0	978.70	0	848.85	0	25	0	25	0	
4th March 2009	1258.9	2371	1131.99	194	978.80	1414	849.53	0	25	0	25	0	
5th March 2009	1258.78	1677	1132.04	0	977.80	0	850.28	0	25	0	25	0	
6th March 2009	1258.69	1094	1132.12	1728	977.80	616	850.06	0	25	0	25	0	
7th March 2009	1258.63	1341	1132.01	0	979.00	0	850.55	0	25	0	25	0	
8th March 2009	1258.56	1341	1132.04	0	979.10	0	850.36	0	25	0	25	0	
9th March 2009	1258.49	1172	1132.06	0	979.10	0	850.18	0	25	0	25	0	

10th March 2009	1258.43	831	1132.12	0	979.20	0	849.93	0	25	0	25	0	
Total		13872		1922		2030			250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 1103.2009 to 20.03.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th March 2009	1258.38	0	1132.15	0	979.30	0	849.76	0	25	0	25	0	
12th March 2009	1258.37	671	1132.17	0	979.30	0	849.62	0	25	0	25	0	
13th March 2009	1258.33	1020	1132.17	0	979.40	0	849.48	0	25	0	25	0	
14th March 2009	1258.28	355	1132.24	0	979.50	0	849.32	0	25	0	25	0	
15th March 2009	1258.25	330	1132.27	0	979.60	704	849.43	0	25	0	25	0	
16th March 2009	1258.22	844	1132.26	0	978.90	361	850.13	0	25	0	25	0	
17th March 2009	1258.16	2202	1132.27	0	978.70	207	850.43	0	25	0	25	0	
18th March 2009	1258.04	1698	1132.35	0	978.70	316	850.26	0	25	0	25	0	
19th March 2009	1257.95	245	1132.4	0	978.60	0	850.47	0	25	0	25	0	
20th March 2009	1257.92	155	1132.41	0	978.60	0	850.35	0	25	0	25	0	
Total		7520		0		1588			250	0	250	0	

Executive Engineer & TA

to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 21.03.2009 to 31.03.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st March 2009	1257.9	0	1132.44	0	978.6	0	850.16	0	25	0	25	0	
22nd March 2009	1257.89	0	1132.44	0	978.7	0	849.96	0	25	0	25	0	
23rd March 2009	1257.88	0	1132.44	0	978.7	0	849.84	0	25	0	25	0	
24th March 2009	1257.87	0	1132.43	0	978.8	0	849.73	0	25	0	25	0	
25th March 2009	1257.86	0	1132.39	0	978.8	481	849.58	0	25	0	25	0	
26th March 2009	1257.85	472	1132.36	0	978.5	337	849.97	0	25	0	25	0	
27th March 2009	1257.81	0	1132.36	0	978.3	0	850.22	0	25	0	25	0	
28th March 2009	1257.8	431	1132.32	0	978.3	0	850.04	0	25	0	25	0	
29th March 2009	1257.77	322	1132.36	0	978.3	0	849.85	0	25	0	25	0	
30th March 2009	1257.74	454	1132.36	0	978.3	207	849.67	0	25	0	25	0	
31st March 2009	1257.71	0	1132.37	0	978	338	849.74	0	25	0	25	0	
Total in cusec days		1679		0		1363		0	275	0	275	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 01.04.2009 to 10.04.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st April 2009	1257.61	1132	1132.4	0	977.6	234	850.3	0	25	0	25	0	
2nd April 2009	1257.54	1472	1132.42	0	977.6	435	850.16	0	25	0	25	0	
3rd April 2009	1257.45	1481	1132.5	0	977.4	0	850.47	0	25	0	25	0	
4th April 2009	1257.36	2666	1132.51	0	977.4	0	850.27	0	25	0	25	0	
5th April 2009	1257.22	529	1132.6	0	977.4	0	850.04	0	25	0	25	0	
6th April 2009	1257.18	759	1132.59	0	977.4	0	849.83	0	25	0	25	0	
7th April 2009	1257.12	0	1132.64	0	977.5	0	849.56	0	25	0	25	0	
8th April 2009	1257.1	302	1132.6	0	977.5	0	849.45	0	25	0	25	0	
9th April 2009	1257.07	1475	1132.55	0	977.6	0	849.25	0	25	0	25	0	
10th April 2009	1256.98	1804	1132.59	0	977.6	0	849.02	0	25	0	25	0	
Total in cusec days		11620		0		669		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.04.2009 to 30.04.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st April 2009	1255.66	2372	1133.95	0	976.20	433	849.71	0	25	0	25	0	
22nd April 2009	1255.53	4165	1133.48	0	975.80	355	849.73	0	25	0	25	0	
23rd April 2009	1255.35	1737	1133.57	0	975.50	0	849.95	0	25	0	25	0	
24th April 2009	1255.22	3876	1133.70	0	975.50	83	849.77	0	25	0	25	0	
25th April 2009	1255.02	1106	1133.85	0	975.40	185	849.75	0	25	0	25	0	
26th April 2009	1254.96	593	1133.91	0	975.20	0	849.72	0	25	0	25	0	
27th April 2009	1254.92	1900	1133.93	0	975.20	479	849.82	0	25	0	25	0	
28th April 2009	1254.82	0	1133.97	0	975.00	0	850.00	0	25	0	25	0	
29th April 2009	1254.80	2042	1133.98	0	975.00	184	849.80	0	25	0	25	0	

30th April 2009	1254.63	5911	1134.03	0	974.80	0	849.80	0	25	0	25	0	
Total in cusec days		23702		0		1719		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.05.2009 to 10.05.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st May 2009	1254.40	1811	1134.22	0	974.80	0	849.67	0	25	0	25	0	
2nd May 2009	1254.30	1139	1134.35	0	974.80	0	849.56	0	25	0	25	0	
3rd May 2009	1254.21	1540	1134.40	0	974.80	0	849.33	0	25	0	25	0	
4th May 2009	1254.15	2669	1134.42	0	974.80	383	849.11	0	25	0	25	0	
5th May 2009	1254.01	3504	1134.48	0	974.50	0	849.39	0	25	0	25	0	
6th May 2009	1253.83	2495	1134.56	0	974.50	742	849.38	0	25	0	25	0	
7th May 2009	1253.70	3286	1134.71	0	973.60	87	850.04	0	25	0	25	0	
8th May 2009	1253.53	4845	1134.94	0	973.60	0	849.92	0	25	0	25	0	
9th May 2009	1253.29	3107	1135.12	0	973.60	687	850.09	0	25	0	25	0	
10th May 2009	1253.01	1663	1135.22	0	973.00	0	850.32	0	25	0	25	0	
Total in cusec days		26059		0		1899		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.05.2009 to 20.05.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks

1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th May 2009	1252.96	720	1135.29	0	973.00	0	850.05	0	25	0	25	0	
12th May 2009	1252.89	2620	1135.31	0	973.00	0	849.86	0	25	0	25	0	
13th May 2009	1252.71	2305	1135.43	1050	973.00	0	849.67	0	25	0	25	0	
14th May 2009	1252.55	3175	1135.53	810	974.00	1698	849.42	0	629	0	629	0	
15th May 2009	1252.34	1705	1135.59	777	973.90	1188	849.14	0	1268	0	1268	0	
16th May 2009	1252.21	708	1135.61	70	973.60	53	848.05	0	285	0	285	0	
17th May 2009	1252.14	0	1135.67	432	973.70	777	847.60	0	25	0	25	0	
18th May 2009	1252.12	0	1135.59	369	973.40	362	848.93	0	25	0	25	0	
19th May 2009	1252.10	1249	1135.52	0	973.20	308	849.33	0	25	0	25	0	
20th May 2009	1252.00	402	1135.53	696	973.30	592	849.55	0	25	0	25	0	
Total in cusec days		12884		4204		4978		0	2357	0	2357	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.05.2009 to 31.05.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st May 2009	1251.95	2141	1135.47	0	973.40	0	849.76	0	25	0	25	0	
22nd May 2009	1251.80	629	1135.52	272	973.40	294	849.75	0	25	0	25	0	
23rd May 2009	1251.74	0	1135.51	0	973.50	0	849.83	0	25	0	25	0	
24th May 2009	1251.72	0	1135.47	0	973.60	0	849.63	0	25	0	25	0	
25th May 2009	1251.70	0	1135.47	0	973.60	0	849.42	0	25	0	25	0	
26th May 2009	1251.68	0	1135.50	0	973.70	0	849.24	0	25	0	25	0	
27th May 2009	1251.66	0	1135.46	0	973.80	0	849.03	0	25	0	25	0	
28th May 2009	1251.64	257	1135.44	0	973.80	0	848.84	0	25	0	25	0	
29th May 2009	1251.60	0	1135.44	0	973.80	0	848.65	0	25	0	25	0	
30th May 2009	1251.58	0	1135.43	0	974.00	0	848.43	0	25	0	25	0	
31st May 2009	1251.55	0	1135.41	208	974.00	232	848.29	0	25	0	25	0	
Total in cusec days		3027		480		526		0	275	0	275	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.06.2009 to 10.06.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st June 2009	1251.53	0	1135.47	1180	974.50	1091	849.02	0	25	0	25	0	
2nd June 2009	1251.51	0	1135.40	50	974.60	0	849.81	0	25	0	25	0	
3rd June 2009	1251.49	1133	1135.36	0	974.80	0	849.59	0	25	0	25	0	
4th June 2009	1251.40	3377	1135.38	236	974.80	291	849.55	0	25	0	25	0	
5th June 2009	1251.18	0	1135.44	0	975.00	0	849.56	0	25	0	25	0	
6th June 2009	1251.16	288	1135.41	0	975.00	0	849.35	0	25	0	25	0	
7th June 2009	1251.07	768	1135.40	0	975.10	0	849.16	0	25	0	25	0	
8th June 2009	1251.05	1551	1135.40	0	975.10	126	849.05	0	25	0	25	0	
9th June 2009	1250.94	3742	1135.45	0	975.00	0	848.97	0	25	0	25	0	
10th June 2009	1250.70	5218	1135.62	736	975.00	554	848.82	0	25	0	25	0	
Total in cusec days		16077		2202		2062		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.06.2008 to 20.06.2008 & 21.6.09 to 30.6.09

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th June 2009	1250.26	6130	1135.81	850	975.30	896	850.27	0	25	0	25	0	

12th June 2009	1249.98	4499	1135.92	485	975.30	434	850.50	0	25	0	25	0	
13th June 2009	1249.69	1012	1136.08	0	975.40	21	850.78	0	25	0	25	0	
14th June 2009	1249.61	0	1136.15	0	975.40	0	850.65	0	25	0	25	0	
15th June 2009	1249.59	0	1136.16	80	975.40	0	850.53	0	25	0	25	0	
16th June 2009	1249.57	0	1136.12	0	975.50	237	850.63	0	25	0	25	0	
17th June 2009	1249.55	0	1136.10	0	975.20	0	850.75	0	25	0	25	0	
18th June 2009	1249.53	0	1136.05	0	975.30	0	850.55	0	25	0	25	0	
19th June 2009	1249.53	0	1136.03	0	975.40	0	850.35	0	25	0	25	0	
20th June 2009	1249.49	0	1136.01	0	975.40	0	850.14	0	25	0	25	0	
Total in cusec days		**11641**		**1415**		**1588**		**0**	**250**	**0**	**250**	**0**	
21st June 2009	1249.47	0	1136.00	0	975.50	0	849.95	0	25	0	25	0	
22nd June 2009	1249.45	0	1135.99	0	975.60	0	849.69	0	25	0	25	0	
23rd June 2009	1249.43	0	1135.96	180	975.70	184	849.48	0	25	0	25	0	
24th June 2009	1249.41	0	1135.95	101	975.80	0	849.46	0	25	0	25	0	
25th June 2009	1249.39	0	1135.94	0	976.10	0	849.26	0	25	0	25	0	
26th June 2009	1249.37	0	1135.95	0	976.30	0	849.10	0	25	0	25	0	
27th June 2009	1249.35	0	1135.96	0	976.40	0	848.91	0	25	0	25	0	
28th June 2009	1249.33	0	1136.00	0	976.60	0	848.70	0	25	0	25	0	
29th June 2009	1249.31	0	1136.00	0	976.70	0	848.48	0	25	0	25	0	
30th June 2009	1249.31	0	1136.02	0	976.80	296	848.50	0	25	0	25	0	

Total in cusec days		**0**		**281**		**480**		**0**	**250**	**0**	**250**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.07.2009 to 10.07.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st July 2009	1249.31	0	1136.01	0	976.60	495	848.48	0	25	0	25	0	
2nd July 2009	1249.30	0	1135.99	0	976.50	111	849.00	0	25	0	25	0	
3rd July 2009	1249.30	0	1136.30	0	978.20	530	852.80	0	25	0	25	0	
4th July 2009	1249.29	0	1136.33	0	978.30	0	853.53	0	25	0	25	0	
5th July 2009	1249.28	0	1136.31	0	978.40	0	853.41	0	25	0	25	0	
6th July 2009	1249.27	0	1136.29	0	978.50	0	853.25	0	25	0	25	0	
7th July 2009	1249.26	0	1136.27	0	978.70	579	853.34	0	25	0	25	0	
8th July 2009	1249.25	0	1136.24	0	978.30	0	853.53	0	25	0	25	0	
9th July 2009	1249.24	0	1136.23	0	978.30	0	853.34	0	25	0	25	0	
10th July 2009	1249.24	0	1136.26	0	978.30	311	853.44	0	25	0	25	0	
Total in cusec days		**0**		**0**		**2026**		**0**	**250**	**0**	**250**	**0**	

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.07.2009 to 20.07.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th July 2009	1249.25	0	1136.75	0	978.20	0	853.45	0	25	0	25	0	
12th July 2009	1249.27	0	1136.75	0	978.30	0	853.23	0	25	0	25	0	
13th July 2009	1249.27	0	1136.74	66	978.50	0	853.08	0	25	0	25	0	
14th July 2009	1249.33	0	1137.55	0	979.00	4466	853.03	7976	410	0	410	0	
15th July 2009	1249.38	0	1138.08	0	977.70	3387	852.00	2068	512	0	512	0	
16th July 2009	1249.42	0	1138.10	0	977.60	0	851.73	0	871	0	871	0	
17th July 2009	1250.02	0	1138.25	0	978.40	6803	852.02	6408	520	0	520	0	

18th July 2009	1253.10	0	1138.83	0	977.70	2944	852.12	2238	25	0	25	0	
19th July 2009	1253.51	0	1138.84	0	977.50	490	852.28	28	25	0	25	0	
20th July 2009	1253.93	0	1138.82	0	978.20	1865	852.20	1705	25	0	25	0	
Total in cusec days		**0**		**66**		**19955**		**20423**	**2463**	**0**	**2463**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.07.2009 to 31.07.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st July 2009	1254.19	0	1138.88	0	977.60	1206	852.05	2817	25	0	25	0	
22nd July 2009	1254.50	0	1139.06	0	977.40	1934	851.21	2541	25	0	25	0	
23rd July 2009	1255.20	0	1139.43	0	977.30	5398	851.12	10342	25	0	25	0	
24th July 2009	1263.31	0	1139.84	0	977.00	5189	851.00	4735	25	0	25	0	
25th July 2009	1267.53	0	1139.96	0	977.40	2624	851.55	2663	25	0	25	0	
26th July 2009	1267.83	0	1140.01	0	975.70	236	851.07	0	25	0	25	0	
27th July 2009	1268.08	0	1140.03	0	976.10	0	851.13	0	25	0	25	0	
28th July 2009	1268.22	0	1140.02	0	976.50	479	851.16	0	25	0	25	0	
29th July 2009	1268.20	973	1140.02	0	976.50	918	849.55	916	25	0	25	0	
30th July 2009	1268.18	1361	1140.04	0	976.00	946	850.28	0	25	0	25	0	
31st July 2009	1268.18	4567	1140.13	0	975.20	158	851.33	0	25	0	25	0	
Total in cusec days		**6901**		**0**		**19088**		**24014**	**275**	**0**	**275**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.08.2009 to 10.08.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st August 2009	1268.15	3233	1140.30	0	975.50		851.07	0	25	0	25	0	
2nd August 2009	1268.04	4420	1140.46	0	975.70		850.84	0	25	0	25	0	
3rd August 2009	1267.92	9853	1140.61	0	975.90		850.59	0	25	0	25	0	
4th August 2009	1267.56	8144	1141.01	0	976.10		850.33	0	25	0	25	0	
5th August 2009	1267.29	5259	1141.29	0	976.30		850.08	0	25	0	25	0	
6th August 2009	1267.12	3959	1141.51	0	976.40		849.80	0	25	0	25	0	
7th August 2009	1266.98	3545	1141.59	0	976.60	847	850.04	0	25	0	25	0	
8th August 2009	1266.86	2335	1141.68	0	976.00		850.37	0	25	0	25	0	
9th August 2009	1266.77	3319	1141.76	0	976.20		850.11	0	25	0	25	0	
10th August 2009	1266.69	2448	1141.85	0	976.30		849.87	0	25	0	25	0	
Total in cusec days		**46515**		**0**		**847**		**0**	**250**	**0**	**250**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.08.2009 to 20.08.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th August 2009	1266.57	3168	1141.96	0	976.40	0	849.58	0	25	0	25	0	

12th August 2009	1266.45	1249	1142.10	0	976.50	1200	850.22	0	25	0	25	0	
13th August 2009	1266.45	0	1142.27	0	975.50	0	851.20	0	25	0	25	0	
14th August 2009	1266.50	0	1142.28	0	975.70	0	851.09	0	25	0	25	0	
15th August 2009	1266.74	0	1142.24	0	976.00	0	851.00	0	25	0	25	0	
16th August 2009	1266.80	0	1142.27	0	976.10	0	850.85	0	25	0	25	0	
17th August 2009	1266.80	0	1142.31	0	976.30	0	850.80	0	25	0	25	0	
18th August 2009	1266.80	0	1142.27	0	976.30	0	850.75	0	25	0	25	0	
19th August 2009	1266.80	0	1142.26	0	976.50	0	850.66	0	25	0	25	0	
20th August 2009	1266.80	0	1142.25	0	976.70	0	850.53	0	25	0	25	0	
Total in cusec days		**4417**		**0**		**1200**		**0**	**250**	**0**	**250**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.08.2009 to 31.08.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st August 2009	1266.80	0	1142.24	0	976.80	0	850.40	0	25	0	25	0	
22nd August 2009	1266.80	0	1142.23	0	976.90	0	850.25	0	25	0	25	0	
23rd August 2009	1266.80	0	1142.22	0	977.00	0	850.13	0	25	0	25	0	
24th August 2009	1266.80	0	1142.21	0	977.00	0	849.99	0	25	0	25	0	

25th August 2009	1266.80	0	1142.20	0	977.00	0	849.83	0	25	0	25	0	
26th August 2009	1266.80	0	1142.26	0	977.90	214	849.70	0	25	0	25	0	
27th August 2009	1266.80	0	1142.38	0	978.50	984	850.31	0	25	0	25	0	
28th August 2009	1266.84	0	1142.47	0	977.90	443	851.47	0	25	0	25	0	
29th August 2009	1266.95	0	1142.55	0	978.10	844	851.72	0	25	37	62	0	
30th August 2009	1267.79	0	1142.75	0	978.20	3237	852.62	2191	25	391	416	0	
31st August 2009	1268.04	0	1142.75	0	977.80	0	852.23	0	341	642	983		
Total in cusec days		**0**		**0**		**5722**		**2191**	**591**	**1070**	**1661**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.09.2009 to 10.09.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st Sept. 2009	1268.16	0	1142.75	0	978.40	3767	850.68	0	1588	458	2046	0	Water relelased for NTPC and Anant Chaturdashi festival
2nd Sept. 2009	1268.28	0	1142.74	1368	975.20	2641	849.55	0	1505	150	1655	0	
3rd Sept. 2009	1268.41	0	1142.76	1193	974.40	1773	848.55	0	1073	0	1073	0	
4th Sept. 2009	1270.07	0	1142.78	0	975.10	0	848.63	0	25	0	25	0	
5th Sept. 2009	1271.32	0	1142.86	0	975.50	0	848.44	0	25	0	25	0	
6th Sept. 2009	1272.51	0	1142.86	0	975.80	645	848.70	0	25	0	25	0	
7th Sept. 2009	1272.87	0	1142.85	0	975.50	382	849.13	0	25	0	25	0	
8th Sept. 2009	1273.06	0	1142.84	0	975.40	0	849.19	0	25	0	25	0	
9th Sept. 2009	1273.18	0	1142.83	0	975.50	0	848.98	0	25	0	25	0	

10th Sept. 2009	1273.30	0	1142.83	0	975.60	0	848.82	0	25	0	25	0	
Total in cusec days		**0**		**2561**		**9208**		**0**	**4341**	**608**	**4949**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.11.2009 to 20.11.2009

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th Nov. 2009	1271.62	861	1137.38	8392	975.3	9003	853.79	0	6125	1500	7625	2572	
12th Nov. 2009	1271.59	1377	1136.97	6452	975.6	8352	853.71	0	5953	1500	7453	2632	
13th Nov. 2009	1271.54	2614	1136.75	7231	973.5	7687	853.36	0	4844	1500	6344	3053	
14th Nov. 2009	1271.32	6301	1136.56	5946	975	5096	853.43	0	2978	1373	4351	2737	
15th Nov. 2009	1271.24	3866	1136.46	3288	976	3710	852.08	0	1302	1300	2602	1222	
16th Nov. 2009	1271.11	3990	1136.44	3870	975.70	3689	852.38	0	1782	1300	3082	334	
17th Nov. 2009	1270.98	2321	1136.45	4359	975.60	4830	852.68	0	2035	1283	3318	222	
18th Nov. 2009	1270.90	2508	1136.25	2825	976.30	3271	852.25	0	2035	1154	3189	197	
19th Nov. 2009	1270.81	1801	1136.09	4314	977.30	3759	851.95	0	1782	1000	2782	219	
20th Nov. 2009	1270.75	2274	1135.93	2732	976.80	3121	852.28	0	1275	875	2150	383	
Total in cusec days		**27913**		**49409**		**52518**		**0**	**30111**	**12785**	**42896**	**13571**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.12.2009 to 10.12.2009

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st Nov. 2009	1270.67	2687	1135.84	1818	976.00	2250	852.05	0	911	558	1469	406	
22nd Nov. 2009	1270.58	2593	1135.87	934	976.00	1323	851.90	0	25	500	525	380	

23rd Nov. 2009	1270.49	1965	1135.93	1709	976.10	1101	851.91	0	25	500	525	340	
24th Nov. 2009	1270.42	1726	1135.9	1828	976.3	3152	852.18	0	25	133	158	251	
25th Nov. 2009	1270.36	1728	1135.97	0	976.4	0	852.22	0	25	0	25	0	
26th Nov. 2009	1270.3	1580	1136.04	0	976.5	0	851.96	0	25	0	25	0	
27th Nov. 2009	1270.24	1268	1136.06	0	976.6	0	851.73	0	25	0	25	0	
28th Nov. 2009	1270.19	1262	1136.08	0	976.7	0	851.46	0	25	0	25	0	
29th Nov. 2009	1270.14	1264	1136.12	0	976.8	0	851.21	0	25	0	25	0	
30th Nov. 2009	1270.09	1452	1136.15	0	976.9	0	850.95	0	25	0	25	0	
Total in cusec days		**17525**		**6289**		**7826**		**0**	**1136**	**1691**	**2827**	**1377**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.12.2009 to 10.12.2009

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st Dec. 2009	1270.04	1868	1136.18	0	977.00	0	850.75	0	25	0	25	0	
2nd Dec. 2009	1269.98	1337	1136.22	0	977.10	0	850.50	0	25	0	25	0	
3rd Dec. 2009	1269.93	1417	1136.28	0	977.20	0	850.30	0	25	0	25	0	
4th Dec. 2009	1269.88	1444	1136.33	0	977.30	683	850.54	0	25	0	25	0	
5th Dec. 2009	1269.83	3915	1136.40	532	976.50	1404	851.22	0	654	0	654	0	
6th Dec. 2009	1269.62	7721	1136.58	4379	975.80	3266	852.28	0	2034	0	2034	0	
7th Dec. 2009	1269.41	6725	1136.74	1978	977.20	2779	851.97	0	2849	0	2849	628	
8th Dec. 2009	1269.13	8881	1136.99	3911	976.50	4170	851.78	0	3578	0	3578	2136	
9th Dec. 2009	1268.89	7099	1137.14	5135	976.20	5209	853.08	0	4478	0	4478	2742	
10th Dec. 2009	1268.65	8321	1137.20	6241	977.00	6761	853.14	0	5275	304	5579	2900	
Total in cusec days		**48728**		**22176**		**24272**		**0**	**18968**	**304**	**19272**	**8406**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.12.2009 to 20.12.2009

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th Dec. 2009	1268.38	7143	1137.27	7020	976.40	7921	853.73	0	5672	787	6459	3141	
12th Dec. 2009	1268.17	6142	1137.27	8155	977.10	8205	853.74	0	5938	1200	7138	3128	
13th Dec. 2009	1267.97	3874	1137.10	6849	976.40	7710	853.61	0	5847	1300	7147	2925	
14th Dec. 2009	1267.83	6261	1136.90	8131	975.80	9113	853.46	0	5803	1362	7165	2881	
15th Dec. 2009	1267.61	5406	1136.68	7337	977.10	7828	853.87	0	5956	1400	7356	2778	
16th Dec. 2009	1267.42	4592	1136.55	8738	976.20	9001	853.24	0	5936	1400	7336	2814	
17th Dec. 2009	1267.28	3223	1136.30	8790	976.40	8881	853.92	0	5969	1400	7369	2751	
18th Dec. 2009	1267.17	1224	1136.05	8917	977.40	8760	854.00	0	6001	1400	7401	2708	
19th Dec. 2009	1267.10	4422	1135.62	2461	977.80	8282	854.03	0	6022	1454	7476	2672	
20th Dec. 2009	1266.90	3373	1135.40	7390	977.60	8375	854.01	0	6001	1500	7501	2695	
Total in cusec days		**45660**		**73788**		**84076**		**0**	**59145**	**13203**	**72348**	**28493**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.12.2009 to 31.12.2009

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Dec. 2009	1266.78	5712	1135.14	3780	978.20	9105	853.86	0	5911	1500	7411	2651
22nd Dec. 2009	1266.57	6311	1135.06	9388	977.50	8718	853.84	0	6004	1500	7504	2705

23rd Dec. 2009	1266.35	6186	1134.83	8392	978.30	8792	853.93	0	5983	1500	7483	2777
24th Dec. 2009	1266.09	8439	1134.76	8204	978.00	8454	854.00	0	6001	1500	7501	2817
25th Dec. 2009	1265.80	4635	1134.65	8552	977.70	8608	854.04	0	6019	1500	7519	2882
26th Dec. 2009	1265.69	5531	1134.44	7693	978.40	8744	853.93	212	5989	1500	7489	2961
27th Dec. 2009	1265.49	4191	1134.23	8019	977.80	8673	854.00	0	6002	1500	7502	2916
28th Dec. 2009	1265.28	5634	1134.03	7673	977.90	8318	853.89	0	5974	1500	7474	2948
29th Dec. 2009	1265.04	7880	1133.85	8432	978.00	8628	853.92	0	5987	1500	7487	2930
30th Dec. 2009	1264.84	5310	1133.73	8836	978.20	9021	854.00	0	6007	1500	7507	3123
31st Dec. 2009	1264.65	6404	1133.67	7597	977.60	8546	853.99	0	5850	1450	7300	3289
Total in cusec days		**66233**		**86566**		**95607**		**212**	**65727**	**16450**	**82177**	**31999**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.01.2010 to 10.01.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Jan. 2010	1264.39	6736	1133.57	7937	977.00	8629	853.81	0	5607	1400	7007	3386
2nd Jan. 2010	1264.18	5672	1133.42	7654	977.60	8432	853.93	0	5647	1400	7047	3311
3rd Jan. 2010	1263.97	5972	1133.14	7962	978.20	8535	853.93	0	5645	1400	7045	3224
4th Jan. 2010	1263.70	8358	1133.03	9410	977.50	8621	853.79	0	5596	1400	6996	3360
5th Jan. 2010	1263.40	7795	1132.90	7169	979.00	8674	853.91	0	5633	1400	7033	3360
6th Jan. 2010	1263.10	7685	1132.85	8138	978.10	8063	853.91	0	5629	1400	7029	3343
7th Jan. 2010	1262.74	8383	1132.77	7893	978.70	8551	853.54	0	5192	1400	6592	3360
8th Jan. 2010	1262.42	6556	1132.75	7486	978.00	8332	853.80	0	5204	1400	6604	3324
9th Jan. 2010	1262.11	7201	1132.72	6335	976.70	8480	853.98	0	5204	1400	6604	3278
10th Jan. 2010	1261.82	6398	1132.64	9199	977.30	8380	853.84	0	5216	1400	6616	3247
Total in cusec days		**70756**		**79183**		**84697**		**0**	**54573**	**14000**	**68573**	**33193**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.01.2010 to 20.01.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Jan. 2010	1261.54	7222	1132.55	6656	975.90	7843	853.90	0	5218	1400	6618	2931
12th Jan. 2010	1261.28	5384	1132.49	6114	975.30	8780	853.62	0	5182	1400	6582	2581
13th Jan. 2010	1261.04	3969	1132.41	10360	974.60	8606	853.85	0	5240	1400	6640	2451
14th Jan. 2010	1260.86	1444	1132.10	7410	977.80	8262	853.78	0	4682	1400	6082	2360
15th Jan. 2010	1260.78	5853	1131.79	1309	976.50	4391	852.67	0	3020	975	3995	2247
16th Jan. 2010	1260.53	2393	1131.86	567	973.80	1232	853.19	0	31	0	31	997
17th Jan. 2010	1260.42	6479	1131.98	0	974.60	0	853.14	0	25	0	25	337
18th Jan. 2010	1260.08	8591	1132.30	0	974.60	0	852.84	0	25	0	25	292
19th Jan. 2010	1259.75	1636	1132.59	0	974.60	0	852.59	0	25	0	25	0
20th Jan. 2010	1259.70	2242	1132.73	0	974.70	0	852.29	0	25	0	25	0
Total in cusec days		**45213**		**32416**		**39114**		**0**	**23473**	**6575**	**30048**	**14196**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.01.2010 to 31.01.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Jan. 2010	1259.60	5990	1132.77	0	974.80	0	852.02	0	25	0	25	0
22nd Jan. 2010	1259.34	2128	1132.94	500	974.90	0	851.79	0	25	0	25	0
23rd Jan. 2010	1259.24	1402	1133.17	0	975.40	0	851.55	0	25	0	25	0
24th Jan. 2010	1259.16	4344	1133.24	0	975.50	0	851.30	0	25	0	25	0
25th Jan. 2010	1258.98	1265	1133.37	0	975.60	0	851.04	0	25	0	25	0
26th Jan. 2010	1258.92	912	1133.47	0	975.70	0	850.82	0	25	0	25	0
27th Jan. 2010	1258.88	1455	1133.5	0	975.80	0	850.54	0	25	0	25	0
28th Jan. 2010	1258.78	1423	1133.55	0	975.90	0	850.32	0	25	0	25	0
29th Jan. 2010	1258.74	560	1133.58	0	975.90	0	850.09	0	25	0	25	0
30th Jan. 2010	1258.71	1011	1133.59	0	976.00	0	849.78	0	25	0	25	0

31st Jan. 2010	1258.66	836	1133.63	0	976.10	0	849.65	0	25	0	25	0
Total in cusec days		**21326**		**500**		**0**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.02.2010 to 10.02.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Feb. 2010	1258.62	1144	1133.64	0	976.2	0	849.43	0	25	0	25	0
2nd Feb. 2010	1258.56	1099	1133.67	0	976.3	0	849.23	0	25	0	25	0
3rd Feb. 2010	1258.51	1419	1133.69	0	976.4	0	849.08	0	25	0	25	0
4th Feb. 2010	1258.44	0	1133.71	0	976.4	0	848.89	0	25	0	25	0
5th Feb. 2010	1258.43	0	1133.69	0	976.5	0	848.73	0	25	0	25	0
6th Feb. 2010	1258.42	0	1133.67	0	976.6	0	848.54	0	25	0	25	0
7th Feb. 2010	1258.41	0	1133.66	0	976.7	0	848.39	0	25	0	25	0
8th Feb. 2010	1258.4	0	1133.64	0	976.7	0	848.24	0	25	0	25	0
9th Feb. 2010	1258.39	222	1133.63	0	976.8	0	848.13	0	25	0	25	0
10th Feb. 2010	1258.37	0	1133.62	0	976.8	0	848.03	0	25	0	25	0
Total in cusec days		**3884**		**0**		**0**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.02.2010 to 20.02.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Feb. 2010	1258.36	0	1133.61	0	976.9	0	847.84	0	25	0	25	0
12th Feb. 2010	1258.35	0	1133.6	0	977	0	847.75	0	25	0	25	0
13th Feb. 2010	1258.34	0	1133.59	0	977.1	0	847.63	0	25	0	25	0
14th Feb. 2010	1258.33	0	1133.58	0	977.2	0	847.56	0	25	0	25	0
15th Feb. 2010	1258.32	355	1133.57	0	977.2	784	847.81	0	25	0	25	0
16th Feb. 2010	1258.3	196	1133.56	0	976.6	0	848.35	0	25	0	25	0
17th Feb. 2010	1258.28	1122	1133.55	0	976.7	0	848.21	0	25	0	25	0

18th Feb. 2010	1258.22	2142	1133.55	0	976.8	222	848.18	0	25	0	25	0
19th Feb. 2010	1258.12	1366	1133.58	539	976.6	550	848.61	0	25	0	25	0
20th Feb. 2010	1258.05	914	1133.57	0	976.7	0	848.9	0	25	0	25	0
Total in cusec days		**6095**		**539**		**1556**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.02.2010 to 28.02.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Feb. 2010	1258.00	1314	1133.61	0	976.7	0	848.79	0	25	0	25	0
22nd Feb. 2010	1257.93	1326	1133.63	0	976.8	0	848.69	0	25	0	25	0
23rd Feb. 2010	1257.86	1372	1133.68	0	976.8	0	848.59	0	25	0	25	0
24th Feb. 2010	1257.78	2275	1133.73	0	976.9	78	848.52	0	25	0	25	0
25th Feb. 2010	1257.67	1544	1133.78	0	976.8	0	848.52	0	25	0	25	0
26th Feb. 2010	1257.59	1360	1133.84	0	976.9	0	848.39	0	25	0	25	0
27th Feb. 2010	1257.52	1199	1133.88	0	977	0	848.3	0	25	0	25	0
28th Feb. 2010	1257.46	1363	1133.95	0	977	470	848.53	0	25	0	25	0
Total in cusec days		**11753**		**0**		**548**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.03.2010 to 10.03.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st March 2010	1257.38	0	1133.97	0	976.60	0	848.86	0	25	0	25	0

2nd March 2010	1257.37	490	1133.97	0	976.60	0	848.73	0	25	0	25	0
3rd March 2010	1257.33	757	1133.96	0	976.70	0	848.60	0	25	0	25	0
4th March 2010	1257.28	345	1134.00	0	976.80	0	848.50	0	25	0	25	0
5th March 2010	1257.25	848	1134.02	0	976.80	0	848.43	0	25	0	25	0
6th March 2010	1257.20	1606	1134.06	0	976.80	0	848.36	0	25	0	25	0
7th March 2010	1257.11	1304	1134.11	0	976.90	0	848.26	0	25	0	25	0
8th March 2010	1257.04	733	1134.16	0	976.90	0	848.18	0	25	0	25	0
9th March 2010	1256.99	1501	1134.22	0	977.00	0	848.06	0	25	0	25	0
10th March 2010	1256.91	1524	1134.21	0	977.00	0	847.93	0	25	0	25	0
Total in cusec days		**9108**		**0**		**0**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.03.2010 to 20.03.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th March 2010	1256.83	900	1134.23	0	977.00	0	847.87	0	25	0	25	0
12th March 2010	1256.78	1281	1134.24	0	977.10	0	847.76	0	25	0	25	0
13th March 2010	1256.71	799	1134.25	0	977.20	537	848.02	0	25	0	25	0
14th March 2010	1256.66	2223	1134.26	0	976.70	0	848.22	0	25	0	25	0
15th March 2010	1256.55	3456	1134.30	0	976.70	0	848.06	0	25	0	25	0

16th March 2010	1256.38	889	1134.37	0	976.80	0	847.94	0	25	0	25	0
17th March 2010	1256.32	2514	1134.41	0	976.80	0	847.82	0	25	0	25	0
18th March 2010	1256.19	2278	1134.48	0	976.80	400	847.73	0	25	0	25	0
19th March 2010	1256.07	1692	1134.57	0	976.50	0	848.13	0	25	0	25	0
20th March 2010	1255.98	525	1134.65	0	976.50	0	848.02	0	25	0	25	0
Total in cusec days		**16557**		**0**		**937**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.03.2010 to 31.03.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st March 2010	1255.94	0	1134.70	0	976.60	0	847.89	0	25	0	25	0
22nd March 2010	1255.93	410	1134.68	0	976.60	531	847.82	0	25	0	25	0
23rd March 2010	1255.90	1886	1134.68	0	976.10	0	848.34	0	25	0	25	0
24th March 2010	1255.78	2342	1134.71	0	976.20	0	848.16	0	25	0	25	0
25th March 2010	1255.66	2494	1134.77	0	976.20	0	847.97	0	25	0	25	0
26th March 2010	1255.53	1877	1134.85	0	976.30	0	847.84	0	25	0	25	0
27th March 2010	1255.49	1132	1134.90	0	976.30	105	847.77	0	25	0	25	0
28th March 2010	1255.37	565	1134.93	0	976.20	0	847.75	0	25	0	25	0
29th March 2010	1255.33	55	1134.95	0	976.30	183	847.60	0	25	0	25	0

30th March 2010	1255.31	0	1134.95	0	976.10	0	847.65	0	25	0	25	0
31st March 2010	1255.30	0	1134.93	0	975.80	497	847.82	0	25	0	25	0
Total in cusec days		**10761**		**0**		**1316**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.04.2010 to 10.04.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st April 2010	1255.28	122	1134.91	0	975.60	434	848.28	0	25	0	25	0
2nd April 2010	1255.26	0	1134.88	0	975.30	366	848.60	0	25	0	25	0
3rd April 2010	1255.24	0	1134.85	0	974.90	248	848.78	0	25	0	25	0
4th April 2010	1255.22	0	1134.82	0	974.90	132	848.93	0	25	0	25	0
5th April 2010	1255.20	2440	1134.78	0	974.90	0	848.71	0	25	0	25	0
6th April 2010	1255.14	0	1134.76	0	974.90	0	848.51	0	25	0	25	0
7th April 2010	1255.12	0	1134.72	1620	975.00	867	848.44	0	25	0	25	0
8th April 2010	1255.10	0	1134.58	2964	975.90	2363	850.63	0	804	0	804	0
9th April 2010	1255.08	0	1134.47	1828	977.00	822	849.69	0	1784	0	1784	0
10th April 2010	1255.06	0	1134.34	144	977.80	573	848.46	0	520	0	520	0
Total in cusec days		**2562**		**6556**		**5805**		**0**	**3283**	**0**	**3283**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.04.2010 to 20.04.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th April 2010	1255.04	0	1134.31	0	977.40	0	848.57	0	25	0	25	0
12th April 2010	1255.02	0	1134.28	43	977.40	0	848.27	0	25	0	25	0
13th April 2010	1255.00	0	1134.24	0	977.60	0	848.00	0	25	0	25	0

14th April 2010	1254.98	0	1134.22	0	977.70	704	847.81	0	25	0	25	0
15th April 2010	1254.96	0	1134.21	0	976.80	340	848.83	0	25	0	25	0
16th April 2010	1254.94	740	1134.19	0	976.80	0	848.60	0	25	0	25	0
17th April 2010	1254.89	0	1134.19	0	977.00	0	848.34	0	25	0	25	0
18th April 2010	1254.87	0	1134.16	0	977.00	0	848.09	0	25	0	25	0
19th April 2010	1254.85	1207	1134.14	0	977.10	0	847.82	0	25	0	25	0
20th April 2010	1254.78	0	1134.14	0	977.20	0	847.59	0	25	0	25	0
Total in cusec days		**1947**		**43**		**1044**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.4.2010 to 30.4.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st April 2010	1254.76	1763	1134.10	0	977.20	0	847.39	0	25	0	25	
22nd April 2010	1254.66	625	1134.10	0	977.30	627	847.54	0	25	0	25	
23rd April 2010	1254.61	0	1134.06	0	976.80	0	847.58	0	25	0	25	
24th April 2010	1254.59	0	1134.03	0	976.90	0	847.32	0	25	0	25	
25th April 2010	1254.57	0	1134.01	0	976.40	0	847.14	0	25	0	25	
26th April 2010	1254.55	0	1133.99	0	976.80	576	847.40	0	25	0	25	
27th April 2010	1254.53	0	1133.97	0	976.60	1173	847.85	0	25	0	25	
28th April 2010	1254.51	0	1133.95	0	975.70	0	848.66	0	25	0	25	
29th April 2010	1254.49	0	1133.93	0	975.80	0	848.45	0	25	0	25	
30th April 2010	1254.47	674	1133.91	0	975.80	0	848.35	0	25	0	25	
Total in cusec days		**3062**		**0**		**2376**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.5.2010 to 10.5.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st May 2010	1254.42	0	1133.89	0	975.90	0	848.02	0	25	0	25	
2nd May 2010	1254.40	0	1133.87	0	976.00	0	847.78	0	25	0	25	
3rd May 2010	1254.38	0	1133.85	0	976.00	0	847.58	0	25	0	25	
4th May 2010	1254.36	321	1133.82	0	976.10	0	847.36	0	25	0	25	
5th May 2010	1254.33	912	1133.82	0	976.10	0	847.21	0	25	0	25	
6th May 2010	1254.27	3252	1133.84	0	976.20	758	847.10	0	25	0	25	
7th May 2010	1254.10	253	1133.96	0	974.70	927	849.06	0	25	0	25	
8th May 2010	1254.07	782	1133.97	0	974.70	0	848.99	0	25	0	25	
9th May 2010	1254.02	769	1133.97	0	974.80	0	848.82	0	25	0	25	
10th May 2010	1253.97	2246	1133.97	0	974.80	0	848.64	0	25	0	25	
Total in cusec days		**8535**		**0**		**1685**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.5.2010 to 20.5.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th May 2010	1253.85	823	1133.99	0	974.80	0	848.46	0	25	0	25	
12th May 2010	1253.79	1572	1134.02	58	974.90	0	848.30	0	25	0	25	
13th May 2010	1253.70	1741	1134.06	0	975.00	0	848.12	0	25	0	25	
14th May 2010	1253.60	1833	1134.09	0	975.00	0	847.92	0	25	0	25	
15th May 2010	1253.50	1077	1134.10	0	975.10	0	847.74	0	25	0	25	
16th May 2010	1253.43	320	1134.09	0	975.20	0	847.55	0	25	0	25	
17th May 2010	1253.40	0	1134.07	0	970.20	0	847.33	0	25	0	25	
18th May 2010	1253.38	190	1134.05	0	975.20	845	847.64	0	25	0	25	
19th May 2010	1253.35	244	1134.03	0	974.40	0	848.07	0	25	0	25	
20th May 2010	1253.32	0	1134.03	0	974.40	0	847.90	0	25	0	25	
Total in cusec days		**7800**		**58**		**845**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to

Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.5.2010 to 31.5.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st May 2010	1253.30	2735	1134.01	0	974.50	0	847.75	0	25	0	25	0
22nd May 2010	1253.14	678	1134.08	0	974.50	0	847.55	0	25	0	25	0
23rd May 2010	1253.07	0	1134.12	0	974.50	0	847.39	0	25	0	25	0
24th May 2010	1253.05	585	1134.10	0	974.50	79	847.24	0	25	0	25	0
25th May 2010	1252.99	0	1134.08	0	974.20	477	847.59	0	25	0	25	0
26th May 2010	1252.97	0	1134.05	0	974.20	0	847.43	0	25	0	25	0
27th May 2010	1252.95	0	1134.02	0	974.20	0	847.25	0	25	0	25	0
28th May 2010	1252.93	71	1133.99	0	974.20	0	847.03	0	25	0	25	0
29th May 2010	1252.91	0	1133.96	0	974.20	345	846.86	0	25	0	25	0
30th May 2010	1252.89	0	1133.94	0	973.60	266	847.35	0	25	0	25	0
31st May 2010	1252.87	3716	1133.91	0	973.60	0	847.17	0	25	0	25	0
Total in cusec days		**7785**		**0**		**1167**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.6.2010 to 10.6.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st June 2010	1252.62	618	1133.95	0	973.60	0	847.00	0	25	0	25	0
2nd June 2010	125.2.56	627	1133.95	331	973.60	348	847.08	0	25	0	25	0
3rd June 2010	1252.50	0	1133.94	780	973.60	815	847.63	0	25	0	25	0
4th June 2010	1252.47	3835	1133.91	0	973.50	160	848.18	0	25	0	25	0
5th June 2010	1252.22	192	1134.04	0	973.50	0	848.21	0	25	0	25	0
6th June 2010	1252.18	0	1134.06	0	973.50	0	847.95	0	25	0	25	0
7th June 2010	1252.15	0	1134.05	0	973.60	0	847.65	0	25	0	25	0
8th June 2010	1252.12	1521	1134.04	0	973.60	0	847.46	0	25	0	25	0
9th June 2010	1252.00	3005	1134.20	0	973.60	0	847.32	0	25	0	25	0

10th June 2010	1251.80	929	1134.20	397	973.60	413	847.30	0	25	0	25	0
Total in cusec days		**10727**		**1508**		**1736**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.6.2010 to 20.6.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th June 2010	1251.72	1422	1134.22	554	973.70	586	847.81	0	25	0	25	0
12th June 2010	1251.61	2946	1134.24	0	973.70	0	848.21	0	25	0	25	0
13th June 2010	1251.41	304	1134.30	0	973.80	0	848.02	0	25	0	25	0
14th June 2010	1251.37	0	1134.30	0	973.80	0	847.80	0	25	0	25	0
15th June 2010	1251.35	0	1134.29	0	973.80	0	847.61	0	25	0	25	0
16th June 2010	1251.33	0	1134.28	90	973.90	80	847.43	0	25	0	25	0
17th June 2010	1251.31	0	1134.26	528	973.90	531	847.69	0	25	0	25	0
18th June 2010	1251.29	2124	1134.21	1104	973.90	1047	848.75	0	25	0	25	0
19th June 2010	1251.14	1979	1134.22	369	974.10	172	849.27	0	25	0	25	0
20th June 2010	1251.00	1306	1134.28	0	974.10	0	849.29	0	25	0	25	0
Total in cusec days		**10081**		**2645**		**2416**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.6.2010 to 30.6.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st June 2010	1250.90	0	1134.34	0	974.40	0	849.10	0	25	0	25	0
22nd June 2010	1250.82	1015	1134.34	970	974.40	1182	848.96	0	25	0	25	0
23rd June 2010	1250.80	0	1134.31	290	974.50	315	850.45	0	25	0	25	0
24th June 2010	1250.78	0	1134.31	239	974.50	291	850.35	0	25	0	25	0
25th June 2010	1250.76	1216	1134.29	765	974.40	608	850.24	0	747	0	747	0
26th June 2010	1250.67	0	1134.32	0	974.70	0	848.54	0	1395	0	1395	0
27th June 2010	1250.65	0	1134.31	0	974.80	0	845.95	0	693	0	693	0
28th June 2010	1250.63	0	1134.37	0	975.00	0	845.57	0	25	0	25	0
29th June 2010	1250.61	0	1134.40	0	975.00	0	845.77	0	25	0	25	0
30th June 2010	1250.59	0	1134.39	0	975.00	198	845.73	0	25	0	25	0
Total in cusec days		**2231**		**2264**		**2594**		**0**	**3010**	**0**	**3010**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.7.2010 to 10.7.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st July 2010	1250.58	0	1134.36	156	974.90	317	845.75	0	25	0	25	0
2nd July 2010	1250.57	0	1134.36	0	974.70	0	846.00	0	25	0	25	0
3rd July 2010	1250.56	0	1134.51	0	974.80	0	845.95	0	25	0	25	0
4th July 2010	1250.55	0	1134.51	0	975.00	0	845.90	0	25	0	25	0

5th July 2010	1250.55	0	1135.27	0	978.70	4274	849.45	461	25	0	25	0
6th July 2010	1250.55	0	1135.49	0	978.20	0	849.93	556	25	0	25	0
7th July 2010	1250.54	0	1135.47	100	978.40	1966	849.73	1213	25	0	25	0
8th July 2010	1250.53	0	1135.45	0	975.90	2263	850.05	2119	25	0	25	0
9th July 2010	1250.53	0	1135.48	0	975.30	0	848.01	793	25	0	25	0
10th July 2010	1250.52	0	1135.48	0	975.30	0	847.80	0	25	0	25	0
Total in cusec days		**0**		**256**		**8820**		**5142**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.7.2010 to 20.7.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th July 2010	1250.51	0	1135.46	0	975.40	0			25	0	25	0
12th July 2010	1250.50	0	1135.44	0	975.50	0			25	0	25	0
13th July 2010	1250.49	1384	1135.42	0	975.60	0			25	0	25	0
14th July 2010	1250.40	402	1135.39	0	975.70	0			25	0	25	0
15th July 2010	1250.37	2193	1135.41	0	975.80	0			25	0	25	0
16th July 2010	1250.23	2657	1135.48	0	975.90	0			25	0	25	0
17th July 2010	1250.07	0	1135.60	0	975.90	0			25	0	25	0
18th July 2010	1250.06	0	1135.75	0	976.10	0			25	0	25	0
19th July 2010	1250.05	0	1135.84	0	976.20	0			25	0	25	0
20th July 2010	1250.04	0	1135.81	0	976.30	0			25	0	25	0
Total in cusec days		**6636**		**0**		**0**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.7.2010 to 31.7.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13

21st July 2010	1250.02	0	1135.80	0	976.40	0	846.40	0	25	0	25	0
22nd July 2010	1250.00	0	1136.16	0	976.60	0	846.30	0	25	0	25	0
23rd July 2010	1249.99	0	1136.20	0	976.60	0	846.49	0	25	0	25	0
24th July 2010	1249.98	0	1136.20	0	976.70	0	846.36	0	25	0	25	0
25th July 2010	1249.97	0	1136.20	0	976.80	0	846.19	0	25	0	25	0
26th July 2010	1249.94	0	1136.28	0	976.90	4807	847.25	1462	25	0	25	0
27th July 2010	1250.00	0	1137.24	0	975.40	533	849.68	151	25	0	25	0
28th July 2010	1250.02	0	1137.27	0	975.80	0	849.61	0	25	0	25	0
29th July 2010	1250.02	0	1137.26	0	976.00	0	849.45	0	25	0	25	0
30th July 2010	1250.02	0	1137.25	0	976.00	788	849.46	0	25	0	25	0
31st July 2010	1250.05	0	1137.37	0	976.40	1633	850.48	1321	25	0	25	0
Total in cusec days		**0**		**0**		**7761**		**2934**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.8.2010 to 10.8.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Aug. 2010	1250.35	0	1138.21	0	977.00	4509	850.48	3595	25	0	25	0
2nd Aug. 2010	1251.60	0	1138.46	0	977.70	4958	850.65	3816	25	0	25	0
3rd Aug. 2010	1252.40	0	1138.73	0	976.60	4750	850.61	4516	25	0	25	0
4th Aug. 2010	1252.80	0	1138.83	0	976.70	3153	850.60	3137	25	0	25	0
5th Aug. 2010	1253.10	0	1138.85	194	976.70	1415	850.45	1062	25	0	25	0
6th Aug. 2010	1253.20	0	1138.84	376	976.60	471	850.60	154	25	0	25	0
7th Aug. 2010	1253.40	0	1139.01	0	976.00	933	850.84	612	25	0	25	0

8th Aug. 2010	1253.80	0	1139.31	0	976.20	1657	851.35	1529	25	0	25	0
9th Aug. 2010	1254.90	0	1139.40	0	975.60	683	850.68	457	25	0	25	0
10th Aug. 2010	1255.75	0	1139.48	0	976.00	0	850.60	0	25	0	25	0
Total in cusec days		**0**		**570**		**22529**		**18878**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.8.2010 to 20.8.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Aug. 2010	1255.90	251	1139.52	0	976.40	0	850.52	0	25	0	25	0
12th Aug. 2010	1256.20	0	1139.52	0	976.60	1590	850.45	1123	25	0	25	0
13th Aug. 2010	1256.70	0	1139.73	0	977.80	3624	850.57	3057	25	0	25	0
14th Aug. 2010	1256.81	0	1139.86	0	976.40	3639	850.65	2692	25	0	25	0
15th Aug. 2010	1256.90	0	1139.98	0	975.70	914	850.63	1013	25	0	25	0
16th Aug. 2010	1257.10	0	1140.06	0	976.90	3055	850.87	3160	25	0	25	0
17th Aug. 2010	1257.50	0	1140.51	0	976.30	2643	850.85	1886	25	0	25	0
18th Aug. 2010	1257.75	0	1140.55	0	976.10	0	850.70	408	25	0	25	0
19th Aug. 2010	1258.20	0	1140.73	0	977.30	4005	850.58	3493	25	0	25	0
20th Aug. 2010	1258.60	0	1141.37	0	977.10	4808	850.61	4011	25	0	25	0
Total in cusec days		**251**		**0**		**24278**		**20843**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,

Irrigation Circle, CAD, Kota.

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Period:21.8.2010 to 31.8.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Aug. 2010	1258.95	0	1141.73	0	976.70	2437	850.73	2288	25	0	25	0
22nd Aug. 2010	1259.30	0	1142.08	0	976.20	1443	850.59	1267	25	0	25	0
23rd Aug. 2010	1259.45	0	1142.15	0	977.00	870	850.52	609	25	0	25	0
24th Aug. 2010	1259.57	0	1142.15	0	977.00	1323	850.55	911	25	0	25	0
25th Aug. 2010	1259.65	0	1142.21	0	976.50	1732	850.48	1216	25	0	25	0
26th Aug. 2010	1259.90	0	1142.53	0	976.10	1978	850.60	1821	25	0	25	0
27th Aug. 2010	1260.05	0	1142.92	0	977.10	1525	850.69	919	25	0	25	0
28th Aug. 2010	1260.10	0	1142.96	0	976.70	79	850.58	204	25	0	25	0
29th Aug. 2010	1260.45	0	1143.00	0	977.00	2904	850.53	2481	25	0	25	0
30th Aug. 2010	1260.90	0	1143.08	0	976.10	1186	850.26	910	25	0	25	0
31st Aug. 2010	1261.50	0	1143.12	0	976.90	3687	850.63	3373	25	0	25	0
Total in cusec days		**0**		**0**		**19164**		**15999**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.9.2010 to 10.9.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Sept. 2010	1262.20	0	1143.43	0	976.60	4152	850.61	3459	25	0	25	0

2nd Sept. 2010	1262.60	0	1143.56	0	976.80	554	850.55	6092	25	0	25	0
3rd Sept. 2010	1262.76	0	1143.59	0	977.60	1599	850.85	873	25	0	25	0
4th Sept. 2010	1262.89	0	1143.70	0	977.30	2462	851.25	2050	25	0	25	0
5th Sept. 2010	1263.00	0	1143.85	0	977.30	1479	851.30	1225	25	0	25	0
6th Sept. 2010	1263.55	0	1144.37	0	977.60	3642	851.30	2879	25	0	25	0
7th Sept. 2010	1264.20	0	1144.61	0	977.10	1677	851.42	1643	25	0	25	0
8th Sept. 2010	1264.55	0	1144.70	0	977.20	2040	851.32	1846	25	0	25	0
9th Sept. 2010	1265.40	0	1144.85	0	976.90	1207	851.31	1229	25	0	25	0
10th Sept. 2010	1266.94	0	1145.12	0	977.60	3962	851.38	3015	25	0	25	0
Total in cusec days		**0**		**0**		**22774**		**24311**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.9.2010 to 20.9.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Sept. 2010	1267.96	0	1145.40	0	977.30	1577	851.34	1494	25	0	25	0
12th Sept. 2010	1268.40	0	1145.46	0	977.70	1482	851.20	1225	25	0	25	0
13th Sept. 2010	1268.64	0	1145.51	0	977.10	1583	851.36	1382	25	0	25	0
14th Sept. 2010	1268.82	0	1145.51	0	976.70	417	851.10	155	25	0	25	0
15th Sept. 2010	1268.91	0	1145.63	0	976.89	2079	851.08	1643	25	0	25	0
16th Sept. 2010	1268.95	0	1145.63	0	977.20	705	851.15	0	25	0	25	0

17th Sept. 2010	1269.00	0	1145.61	0	977.40	0	851.64	0	25	0	25	0
18th Sept. 2010	1269.02	0	1145.59	0	978.00	456	851.55	0	25	0	25	0
19th Sept. 2010	1269.02	0	1145.58	0	978.00	621	851.85	0	243	0	243	0
20th Sept. 2010	1269.02	0	1145.57	191	977.90	1730	851.29	0	860	0	860	0
Total in cusec days		**0**		**191**		**10650**		**5899**	**1303**	**0**	**1303**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.9.2010 to 30.9.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Sept. 2010	1269.02	0	1145.53	0	976.10	1166	851.75	0	926	0	926	0
22nd Sept. 2010	1269.02	0	1145.50	0	976.40	1960	850.53	0	1784	0	1784	0
23rd Sept. 2010	1269.02	0	1145.47	0	975.10	0	849.68	0	25	0	25	0
24th Sept. 2010	1269.02	0	1145.44	0	975.40	566	849.53	0	25	0	25	0
25th Sept. 2010	1269.02	0	1145.42	0	975.10	0	849.96	0	25	0	25	0
26th Sept. 2010	1269.02	0	1145.40	0	975.50	0	849.79	0	25	0	25	0
27th Sept. 2010	1269.02	0	1145.38	0	975.60	0	849.65	0	25	0	25	0
28th Sept. 2010	1269.02	0	1145.35	0	976.00	0	849.52	0	25	0	25	0
29th Sept. 2010	1269.02	0	1145.32	0	976.20	0	849.39	0	25	0	25	0
30th Sept. 2010	1269.02	2582	1145.30	0	976.40	0	849.21	0	25	0	25	0
Total in cusec days		**2582**		**0**		**3692**		**0**	**2910**	**0**	**2910**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.10.2010 to 10.10.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Oct. 2010	1268.94	0	1145.35	0	976.60	0	849.07	0	25	0	25	0
2nd Oct. 2010	1268.93	0	1145.35	0	976.70	0	848.93	0	25	0	25	0
3rd Oct. 2010	1268.92	0	1145.33	0	977.00	0	848.76	0	25	0	25	0
4th Oct. 2010	1268.91	0	1145.31	0	977.20	0	848.62	0	25	0	25	0
5th Oct. 2010	1268.90	0	1145.29	0	977.30	0	848.45	0	25	0	25	0
6th Oct. 2010	1268.89	1686	1145.26	0	977.30	143	848.30	0	25	0	25	0
7th Oct. 2010	1268.82	1990	1145.30	0	977.50	0	848.27	0	25	0	25	0
8th Oct. 2010	1268.75	0	1145.38	0	977.70	0	848.07	0	25	0	25	0
9th Oct. 2010	1268.74	0	1145.37	0	977.80	0	847.88	0	25	0	25	0
10th Oct. 2010	1268.73	0	1145.34	0	978.00	0	847.72	0	25	0	25	0
Total in cusec days		**3676**		**0**		**143**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.10.2010 to 20.10.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Oct. 2010	1268.72	0	1145.31	0	978.10	0	847.54	0	25	0	25	0
12th Oct. 2010	1268.71	0	1145.29	0	977.20	1301	847.81	0	25	0	25	0
13th Oct. 2010	1268.70	0	1145.27	0	977.80	0	848.84	0	25	0	25	0
14th Oct. 2010	1268.69	0	1145.25	0	977.40	0	848.65	0	25	0	25	0
15th Oct. 2010	1268.68	208	1145.22	0	977.60	0	848.45	0	25	0	25	0
16th Oct. 2010	1268.66	531	1145.19	0	977.70	0	848.29	0	25	0	25	0
17th Oct. 2010	1268.63	663	1145.18	0	977.80	0	848.13	0	25	0	25	0
18th Oct. 2010	1268.60	2372	1145.23	0	978.00	0	847.99	0	25	0	25	0
19th Oct. 2010	1268.52	106	1145.35	0	978.00	0	847.80	0	25	0	25	0

20th Oct. 2010	1268.49	1707	1145.39	0	978.10	0	847.62	0	25	0	25	0
Total in cusec days		**5587**		**0**		**1301**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.10.2010 to 31.10.10

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Oct. 2010	1268.43	0	1145.4	0	978.3	0	847.5	0	25	0	25	0
22nd Oct. 2010	1268.42	1603	1145.36	0	978.4	0	847.35	0	25	0	25	0
23rd Oct. 2010	1268.36	1524	1145.41	0	978.5	348	847.26	0	25	0	25	0
24th Oct. 2010	1268.3	2357	1145.43	0	978.3	0	847.54	0	25	0	25	0
25th Oct. 2010	1268.21	3975	1145.47	0	978.4	3312	848.97	0	25	0	25	0
26th Oct. 2010	1268.07	4221	1145.66	2062	975.7	1686	852.09	0	25	0	25	0
27th Oct. 2010	1267.83	4640	1145.76	1868	976.2	1099	853.09	0	519	295	814	0
28th Oct. 2010	1267.61	6130	1145.86	3128	976.8	2649	853.09	0	1604	821	2425	0
29th Oct. 2010	1267.4	4831	1145.89	3991	977.7	4146	852.76	0	2392	1004	3396	0
30th Oct. 2010	1267.29	7750	1145.9	3792	977.8	4142	852.58	0	2550	985	3535	0
31st Oct. 2010	1266.90	6220	1145.95	4588	977.7	5822	852.35	0	2775	1063	3838	998
Total in cusec days		**43251**		**19429**		**23204**		**0**	**9990**	**4168**	**14158**	**998**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period: 1.11.10 to 10.11.10

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						

1	2	3	4	5	6	7	8	9	10	11	12	13
1st Nov. 2010	1266.66	5470	1145.95	6730	977.50	6475	852.63	0	3613	1242	4855	819
2nd Nov. 2010	1266.52	5512	1145.81	7043	977.80	7326	852.74	0	4444	1370	5814	917
3rd Nov. 2010	1266.29	5463	1145.61	7840	978.00	7964	853.44	0	5197	1471	6668	1506
4th Nov. 2010	1266.18	5860	1145.44	6023	978.50	8044	853.45	0	5400	1500	6900	1794
5th Nov. 2010	1265.83	6847	1145.43	6418	977.10	7787	853.26	0	5369	1500	6869	2035
6th Nov. 2010	1265.59	5780	1145.49	8055	975.70	8657	853.56	0	5467	1500	6967	2023
7th Nov. 2010	1265.36	7821	1145.37	7660	975.70	7760	853.68	0	5468	1500	6968	2042
8th Nov. 2010	1265.07	7171	1145.37	8088	976.30	8859	853.67	0	5500	1500	7000	2091
9th Nov. 2010	1264.81	8376	1145.29	7124	975.80	7619	853.49	0	5484	1500	6984	2086
10th Nov. 2010	1264.50	8056	1145.30	11098	976.40	9783	853.68	0	5754	1500	7254	2196
Total in cusec days		66356		76079		80274		0	51696	14583	66279	17509

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.11.10 to 20.11.10

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
11th Nov. 2010	1264.21	6821	1145.20	8082	978.00	8831	854.04	0	6034	1500	7534	2282
12th Nov. 2010	1263.99	6798	1145.23	9078	977.20	8562	854.10	0	6078	1500	7578	2648
13th Nov. 2010	1263.71	7668	1145.13	7424	977.90	8891	854.12	0	6090	1500	7590	2728
14th Nov. 2010	1263.45	5910	1145.01	8214	977.30	8975	854.10	0	6086	1500	7586	2714
15th Nov. 2010	1263.24	5794	1145.82	8594	977.80	8716	854.20	0	6153	1500	7653	2770
16th Nov. 2010	1263.10	7134	1144.73	7695	977.80	8222	854.18	0	5753	1383	7136	3095
17th Nov. 2010	1262.76	7009	1144.70	4648	977.80	6113	853.89	0	4194	910	5104	3233
18th Nov. 2010	1262.45	7432	1144.80	0	977.60	0	852.82	0	25	0	25	2706
19th Nov. 2010	1262.12	6522	1145.07	0	978.00	0	852.47	0	25	0	25	1053
20th Nov. 2010	1261.83	5917	1145.27	0	978.30	0	852.12	0	25	0	25	456
Total in cusec days		67005		53735		58310		0	40463	9793	50256	23685

Executive Engineer & TA to

Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.11.10 to 30.11.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Nov. 2010	1261.55	5236	1145.47	0	978.50	0	851.77	0	25	0	25	345
22nd Nov. 2010	1261.32	5385	1145.64	0	978.70	0	851.43	0	25	0	25	348
23rd Nov. 2010	1261.12	0	1145.84	0	979.00	0	851.07	0	25	0	25	281
24th Nov. 2010	1261.11	0	1145.86	0	979.10	0	850.77	0	25	0	25	227
25th Nov. 2010	1261.10	0	1145.85	0	979.30	636	850.62	0	25	0	25	0
26th Nov. 2010	1261.09	0	1145.85	0	978.90	0	850.92	0	25	0	25	0
27th Nov. 2010	1261.08	0	1145.85	0	979.10	666	850.74	0	25	0	25	0
28th Nov. 2010	1261.07	0	1145.85	0	978.70	0	851.08	0	25	0	25	0
29th Nov. 2010	1261.06	0	1145.83	0	978.90	0	850.75	0	25	0	25	0
30th Nov. 2010	1261.05	0	1145.82	0	979.00	580	850.74	0	25	0	25	0
Total in cusec days		10621		0		1882		0	250	0	250	1201
1st Dec. 2010	1261.04	22	1145.80	0	978.70	363	850.93	0	25	0	25	0
2nd Dec. 2010	1261.03	139	1145.77	0	978.50	571	851.26	0	25	0	25	0
3rd Dec. 2010	1261.01	0	1145.74	0	978.20	246	851.48	0	25	0	25	0
4th Dec. 2010	1261.00	1563	1145.71	0	978.10	286	851.42	0	25	0	25	0
5th Dec. 2010	1260.92	72	1145.74	0	978.00	0	851.39	0	25	0	25	0
6th Dec. 2010	1260.91	0	1145.73	0	978.10	181	851.14	0	25	0	25	0
7th Dec. 2010	1260.90	25	1145.70	0	978.10	0	851.00	0	25	0	25	0
8th Dec. 2010	1260.89	25	1145.68	0	978.20	0	850.65	0	25	0	25	0
9th Dec. 2010	1260.88	0	1145.65	0	978.30	0	850.38	0	25	0	25	0
10th Dec. 2010	1260.87	853	1145.63	0	978.50	0	850.27	0	25	0	25	0
Total in cusec days		2699		0		1647		0	250	0	250	0

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.12.10 to 20.12.10

Discharge in cusec days

Date	GS DAM	RPS DAM	JS DAM	Kota	Spillage at	RMC	LMC	Total	Water

Date	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE	Barrage	D/s of Kota	disch.	disch.	Total	delivered
11th Dec. 2010	1260.82	475	1145.62	0	978.50	0	850.18	0	25	0	25	0
12th Dec. 2010	1260.79	775	1145.62	0	978.70	0	850.09	0	25	0	25	0
13th Dec. 2010	1260.75	0	1145.64	234	978.80	375	850.08	0	25	0	25	0
14th Dec. 2010	1260.74	0	1145.63	1976	978.80	4095	852.11	0	551	254	805	0
15th Dec. 2010	1260.73	6040	1145.49	2921	976.90	3153	853.43	0	1906	608	2514	0
16th Dec. 2010	1260.42	8280	1145.50	4988	976.80	5754	853.64	0	3089	742	3831	0
17th Dec. 2010	1260.07	7602	1145.62	7124	976.80	6507	853.84	0	4090	850	4940	1681
18th Dec. 2010	1259.73	6575	1145.58	6918	977.40	7204	853.89	0	4603	1008	5611	2267
19th Dec. 2010	1259.44	6850	1145.55	6259	976.80	7272	853.77	0	4825	1100	5925	2226
20th Dec. 2010	1259.15	7770	1145.54	7403	976.60	7314	853.93	0	4725	1225	5950	2410
Total in cusec days		44367		37823		41674		0	23864	5787	29651	8584

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.12.10 to 31.12.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Dec. 2010	1258.78	8021	1145.48	6761	977.20	8105	853.85	0	4925	1383	6308	2308
22nd Dec. 2010	1258.43	7964	1145.50	9327	976.40	8637	854.01	0	5375	1458	6833	2330
23rd Dec. 2010	1258.07	6459	1145.32	8291	977.50	8698	854.01	0	5834	1500	7334	2400
24th Dec. 2010	1257.80	4898	1145.22	7888	977.20	8456	854.09	0	5922	1500	7422	2508
25th Dec. 2010	1257.57	5297	1145.12	8303	975.90	8804	854.03	0	5931	1500	7431	2517
26th Dec. 2010	1257.28	6630	1144.89	8631	976.90	8139	854.01	0	5934	1500	7434	2545
27th Dec. 2010	1256.98	6152	1144.76	7228	977.60	9143	853.97	0	5900	1500	7400	2503
28th Dec. 2010	1256.68	7784	1144.70	8012	977.30	9200	854.15	0	5984	1500	7484	2472
29th Dec. 2010	1256.32	6220	1144.67	8354	977.30	8650	854.12	0	6019	1500	7519	2516
30th Dec. 2010	1256.03	6774	1144.58	8342	976.10	9242	854.04	0	5953	1500	7453	2524
31st Dec. 2010	1255.76	6842	1144.45	9441	976.50	9110	854.17	0	6029	1500	7529	2520
Total in cusec days		**73041**		**90578**		**96184**		**0**	**63806**	**16341**	**80147**	**27143**

Executive Engineer & TA to

Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:01.01.11 to 10.01.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota	Spillage at	RMC	LMC	Total	Water
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE	Barrage	D/s of Kota	disch.	disch.		delivered
1st Jan. 2010	1255.48	6688	1144.23	7515	977.30	8737	854.14	0	5767	1500	7267	2641
2nd Jan. 2010	1255.24	6257	1144.20	9015	977.00	8797	854.18	0	6024	1500	7524	2674
3rd Jan. 2010	1254.95	7095	1144.09	8797	977.20	8751	854.15	0	6041	1500	7541	2792
4th Jan. 2010	1254.66	7040	1144.10	8165	977.00	8598	854.12	0	6009	1500	7509	2882
5th Jan. 2010	1254.41	1344	1143.95	8755	977.40	8759	854.11	0	6006	1500	7506	2954
6th Jan. 2010	1254.35	1167	1143.59	7075	977.90	8718	854.11	0	5806	1500	7306	2888
7th Jan. 2010	1254.30	0	1143.29	7577	977.20	7740	854.12	0	5144	1500	6644	2639
8th Jan. 2010	1254.29	0	1142.95	6878	976.90	8392	854.05	0	5622	1500	7122	2359
9th Jan. 2010	1254.28	0	1142.60	8807	975.80	9215	853.97	0	5903	1500	7403	2668
10th Jan. 2010	1254.27	0	1142.17	8826	976.10	8598	854.12	0	6009	1500	7509	2936
Total in cusec days		**29591**		**81410**		**86305**		**0**	**58331**	**15000**	**73331**	**27433**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.01.11 to 20.01.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota	Spillage at	RMC	LMC	Total	Water
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE	Barrage	D/s of Kota	disch.	disch.		delivered
11th Jan. 2010	1254.26	0	1141.74	8669	977	8911	854.09	0	5997	1500	7497	2953
12th Jan. 2010	1254.25	0	1141.32	6900	977.3	8901	854.21	0	6078	1500	7578	2995
13th Jan. 2010	1254.24	0	1141.00	9522	975.9	8919	854.22	0	6087	1500	7587	2929
14th Jan. 2010	1254.23	1345	1140.6	8355	977	8800	854.21	0	6087	1500	7587	2956
15th Jan. 2010	1254.16	0	1140.28	6539	977.1	8784	854.22	0	6052	1500	7552	3009

16th Jan. 2010	1254.15	0	1139.92	7438	975.6	8901	854.14	0	6027	1500	7527	2948
17th Jan. 2010	1254.14	0	1139.41	9993	975.1	8797	854.16	0	6055	1500	7555	3012
18th Jan. 2010	1254.13	0	1138.89	8592	977.2	8625	854.2	0	6078	1500	7578	3003
19th Jan. 2010	1254.12	0	1138.49	9585	977.4	8942	854.2	0	6072	1500	7572	2981
20th Jan. 2010	1254.11	0	1138.06	6883	977.9	8676	854.2	0	6078	1500	7578	2907
Total in cusec days		**1345**		**82476**		**88256**		**0**	**60611**	**15000**	**75611**	**29693**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.01.11 to 31.01.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Jan. 2010	1254.10	0	1137.66	7096	976.40	8969	854.14	0	6036	1500	7536	2878
22nd Jan. 2010	1254.09	0	1137.22	9429	977.40	8997	854.17	0	6050	1500	7550	2900
23rd Jan. 2010	1254.08	0	1136.86	7452	976.50	8535	854.17	0	6052	1500	7552	2964
24th Jan. 2010	1254.07	3037	1136.43	7482	976.00	9021	854.18	0	6012	1500	7512	2969
25th Jan. 2010	1253.92	3262	1136.17	9765	975.20	8578	854.17	0	6059	1500	7559	2958
26th Jan. 2010	1253.76	3093	1135.8	8874	977.40	8755	854.26	0	6039	1500	7539	3011
27th Jan. 2010	1253.61	2897	1135.52	8817	976.70	8724	854.14	0	5956	1477	7433	3087
28th Jan. 2010	1253.47	5064	1135.12	6952	977.40	8604	854.14	0	5880	1362	7242	3216
29th Jan. 2010	1253.16	7107	1135.04	9175	976.40	8869	854.07	0	5828	1300	7128	3106
30th Jan. 2010	1252.74	6176	1134.83	6205	976.60	8173	854.1	0	5850	1300	7150	3134

31st Jan. 2010	1252.40	4487	1134.72	8945	975.90	8792	854.07	0	5829	1300	7129	3051
Total in cusec days		**35123**		**90192**		**96017**		**0**	**65591**	**15739**	**81330**	**33274**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.02.11 to 10.02.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st Feb. 2010	1252.13	5496	1134.5	8987	977.30	8642	854.05	0	5815	1300	7115	3029
2nd Feb. 2010	1251.79	1509	1134.38	7272	977.70	7098	854.24	0	5959	330	6289	2895
3rd Feb. 2010	1251.68	3586	1134.19	6439	978.00	6293	854.15	0	5891	0	5891	2744
4th Feb. 2010	1251.45	3989	1134.03	5330	977.50	6346	854.25	0	5963	0	5963	2539
5th Feb. 2010	1251.09	4946	1134.02	6566	977.40	5681	854.24	0	5588	0	5588	2487
6th Feb. 2010	1250.98	0	1133.93	1650	977.70	4619	853.91	0	4260	0	4260	2306
7th Feb. 2010	1250.87	0	1133.87	0	974.50	1187	854.21	0	733	0	733	1478
8th Feb. 2010	1250.85	0	1133.94	0	974.40	0	854.03	0	25	0	25	448
9th Feb. 2010	1250.83	0	1133.8	0	974.50	0	853.83	0	25	0	25	290
10th Feb. 2010	1250.81	643	1133.77	0	974.50	0	853.65	0	25	0	25	390
Total in cusec days		**20169**		**36244**		**39866**		**0**	**34284**	**1630**	**35914**	**18606**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.02.11 to 20.02.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
11th Feb. 2010	1250.75	0	1133.77	0	974.70	0	853.47	0	25	0	25	0

12th Feb. 2010	1250.73	0	1133.75	0	974.80	0	853.3	0	25	0	25	0
13th Feb. 2010	1250.71	0	1133.73	0	974.90	0	853.14	0	25	0	25	0
14th Feb. 2010	1250.69	0	1133.71	0	975.10	0	852.96	0	25	0	25	0
15th Feb. 2010	1250.67	0	1133.69	0	975.10	0	852.78	0	25	0	25	0
16th Feb. 2010	1250.65	0	1133.67	0	975.30	0	852.69	0	25	0	25	0
17th Feb. 2010	1250.63	0	1133.65	0	975.40	0	852.53	0	25	0	25	0
18th Feb. 2010	1250.61	0	1133.63	0	975.40	0	852.38	0	25	0	25	0
19th Feb. 2010	1250.59	0	1133.59	0	975.50	0	852.26	0	25	0	25	0
20th Feb. 2010	1250.57	0	1133.57	0	975.60	0	852.13	0	25	0	25	0
Total in cusec days		**0**		**0**		**0**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.02.11 to 28.02.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Feb. 2011	1250.55	0	1133.55	0	975.60	0	852.02	0	25	0	25	0
22nd Feb. 2011	1250.53	0	1133.52	0	975.70	0	851.89	0	25	0	25	0
23rd Feb. 2011	1250.51	0	1133.50	0	975.80	0	851.74	0	25	0	25	0
24th Feb. 2011	1250.49	0	1133.48	0	975.90	0	851.55	0	25	0	25	0
25th Feb. 2011	1250.47	0	1133.45	0	976.00	0	851.36	0	25	0	25	0
26th Feb. 2011	1250.45	0	1133.42	0	976.10	0	851.19	0	25	0	25	0
27th Feb. 2011	1250.43	0	1133.4	0	976.20	0	851.06	0	25	0	25	0

28th Feb. 2011	1250.41	0	1133.38	0	976.30	0	850.94	0	25	0	25	0
Total in cusec days		**0**		**0**		**0**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:01.03.11 to 10.3.11 & 11.3.11 to 20.3.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st March 2011	1250.38	0	1133.36	0	976.30	0	850.8	0	25	0	25	0
2nd March 2011	1250.35	0	1133.34	0	976.40	0	850.67	0	25	0	25	0
3rd March 2011	1250.32	0	1133.32	0	976.50	0	850.55	0	25	0	25	0
4th March 2011	1250.26	0	1133.3	0	976.50	0	850.37	0	25	0	25	0
5th March 2011	1250.23	0	1133.31	0	976.50	0	850.22	0	25	0	25	0
6th March 2011	1250.20	0	1133.29	0	976.60	0	850.12	0	25	0	25	0
7th March 2011	1250.17	0	1133.27	0	976.60	0	849.97	0	25	0	25	0
8th March 2011	1250.14	0	1133.24	0	976.60	0	849.87	0	25	0	25	0
9th March 2011	1250.11	0	1133.22	0	976.70	0	849.77	0	25	0	25	1
10th March 2011	1250.08	0	1133.19	0	976.70	0	849.67	0	25	0	25	2
Total in cusec days		**0**		**0**		**0**		**0**	**200**	**0**	**200**	**0**
11th March 2011	1250.05	0	1133.16	0	976.70	0	849.49	0	25	0	25	0
12th March 2011	1250.02	0	1133.13	0	976.70	0	849.3	0	25	0	25	0
13th March 2011	1249.99	0	1133.10	0	976.70	0	849.17	0	25	0	25	0

14th March 2011	1249.96	0	1133.07	0	976.80	0	849	0	25	0	25	0
15th March 2011	1249.93	0	1133.03	0	976.80	0	848.86	0	25	0	25	0
16th March 2011	1249.90	0	1133	0	976.80	0	848.73	0	25	0	25	0
17th March 2011	1249.87	0	1132.97	0	976.80	0	848.55	0	25	0	25	0
18th March 2011	1249.84	0	1132.94	0	976.80	0	848.35	0	25	0	25	0
19th March 2011	1249.81	0	1132.91	0	976.90	0	848.1	0	25	0	25	1
20th March 2011	1249.78	0	1132.87	0	976.90	0	847.8	0	25	0	25	2
Total in cusec days		**0**		**0**		**0**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.03.11 to 31.3.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st March 2011	1249.75	0	1132.85	0	976.90	0	847.6	0	25	0	25	0
22nd March 2011	1249.72	0	1132.83	0	976.90	0	847.43	0	25	0	25	0
23rd March 2011	1249.69	0	1132.80	0	977.00	0	847.24	0	25	0	25	0
24th March 2011	1249.66	0	1132.77	0	977.00	0	847.03	0	25	0	25	0
25th March 2011	1249.63	0	1132.74	0	977.00	576	846.85	0	25	0	25	0
26th March 2011	1249.60	0	1132.71	0	976.10	585	848.18	0	25	0	25	0
27th March 2011	1249.57	0	1132.68	0	976.10	0	848.00	0	25	0	25	0
28th March 2011	1249.54	0	1132.65	0	976.10	0	847.83	0	25	0	25	0
29th March 2011	1249.51	0	1132.63	0	976.10	418	847.59	0	25	0	25	0

30th March 2011	1249.48	1036	1132.6	0	975.60	228	848.14	0	25	0	25	0
31st March 2011	1249.39	0	1132.6	0	975.60	0	848.03	0	25	0	25	0
Total in cusec days		**0**		**0**		**1807**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.04.11 to 10.4.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st April 2011	1249.36	0	1132.57	0	975.60	0	847.85	0	25	0	25	0
2nd April 2011	1249.33	747	1132.55	0	975.60	0	847.66	0	25	0	25	0
3rd April 2011	1249.25	0	1132.55	0	975.70	0	847.47	0	25	0	25	0
4th April 2011	1249.22	0	1132.52	0	975.70	0	847.25	0	25	0	25	0
5th April 2011	1249.19	0	1132.49	0	975.70	564	847.26	0	25	0	25	0
6th April 2011	1249.16	0	1132.46	0	975.10	0	847.97	0	25	0	25	0
7th April 2011	1249.13	0	1132.44	0	975.10	0	847.78	0	25	0	25	0
8th April 2011	1249.10	0	1132.42	0	975.10	356	847.7	0	25	0	25	0
9th April 2011	1249.07	0	1132.41	0	974.90	0	847.79	0	25	0	25	0
10th April 2011	1249.04	0	1132.38	0	974.90	0	847.63	0	25	0	25	0
Total in cusec days		**747**		**0**		**920**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.04.11 to 20.4.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						

11th April 2011	1249.01	0	1132.36	0	974.90	0	847.43	0	25	0	25	0
12th April 2011	1248.98	0	1132.34	0	975.00	1079	848.02	0	25	0	25	0
13th April 2011	1248.95	0	1132.32	0	974.10	0	848.54	0	25	0	25	0
14th April 2011	1248.92	922	1132.3	0	974.10	0	848.35	0	25	0	25	0
15th April 2011	1248.84	438	1132.3	0	974.10	0	847.16	0	25	0	25	0
16th April 2011	1248.79	0	1132.3	0	974.10	0	848.03	0	25	0	25	0
17th April 2011	1248.76	0	1132.28	0	974.20	0	847.780	0	25	0	25	0
18th April 2011	1248.73	0	1132.27	0	974.20	0	847.58	0	25	0	25	0
19th April 2011	1248.70	0	1132.25	0	974.20	596	847.46	0	25	0	25	0
20th April 2011	1248.67	0	1132.22	47	973.80	40	848.01	0	25	0	25	0
Total in cusec days		**1360**		**47**		**1715**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.04.11 to 30.4.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st April 2011	1248.64	0	1132.18	0	973.80	0	847.79	0	25	0	25	0
22nd April 2011	1248.61	0	1132.16	0	973.90	0	847.58	0	25	0	25	0
23rd April 2011	1248.58	0	1132.13	0	973.50	362	848.57	0	25	0	25	0
24th April 2011	1248.55	0	1132.11	0	973.50	0	848.59	0	25	0	25	0
25th April 2011	1248.52	0	1132.09	0	973.50	0	848.39	0	25	0	25	0

26th April 2011	1248.49	457	1132.07	0	973.50	0	848.19	0	25	0	25	0
27th April 2011	1248.44	0	1132.06	0	973.50	0	847.99	0	25	0	25	0
28th April 2011	1248.41	0	1132.04	0	973.50	0	847.81	0	25	0	25	0
29th April 2011	1248.38	70	1132.02	0	973.40	40	847.65	0	25	0	25	0
30th April 2011	1248.35	788	1132.00	0	973.40	0	847.53	0	25	0	25	0
Total in cusec days		**1315**		**0**		**402**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.05.11 to 10.5.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st May 2011	1248.26	911	1132.03	0	973.40	0	847.45	0	25	0	25	0
2nd May 2011	1248.16	0	1132.07	0	973.40	0	847.3	0	25	0	25	0
3rd May 2011	1248.13	0	1132.04	0	973.40	0	847.1	0	25	0	25	0
4th May 2011	1248.10	0	1132.02	0	973.40	895	847.28	0	25	0	25	0
5th May 2011	1248.07	0	1132	0	972.30	0	847.82	0	25	0	25	0
6th May 2011	1248.04	0	1131.97	0	972.40	328	847.73	0	25	0	25	0
7th May 2011	1248.01	0	1131.94	0	972.00	0	847.82	0	25	0	25	0
8th May 2011	1247.98	536	1131.92	0	972.10	0	847.66	0	25	0	25	0
9th May 2011	1247.91	465	1131.91	0	972.10	385	847.45	0	25	0	25	0
10th May 2011	1247.85	862	1131.89	0	971.50	193	847.99	0	25	0	25	0
Total in cusec days		**2774**		**0**		**1801**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1993

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow	Out flow from J S Dam			Total Out flow	Level at the Endof The month in ft.	Capacity at the End of the month in Maf	Gain or loss in Maf Gain = (+) Loss = (-)
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	in Maf	Gate discharge in Maf	Machine discharge In Maf	Evaporation in Maf	in Maf			
Jan.	978.20	0.05037	0.00000	0.41470	0.01958	0.43428		0.44471	0.00064	0.44535	972.9	0.03930	-0.01107
Feb.	971.20	0.03659	0.00000	0.42660	0.01113	0.43773		0.43627	0.00066	0.43692	971.70	0.03740	0.00080
March	971.40	0.03691	0.00000	0.36690		0.36690		0.03886	0.00104	0.03990	974.80	0.04325	0.32700
April	975.50	0.04465	0.00000	0.05290	0.00379	0.05669		0.04869	0.00165	0.05033	978.50	0.05101	0.00636
May	978.10	0.05014	0.00000	0.02050	0.00605	0.02655		0.02170	0.00241	0.02411	979.20	0.05257	0.00243
June	979.10	0.05234	0.00000	0.04960	0.03465	0.08425		0.09595	0.00185	0.09779	972.50	0.03880	-0.01354
July	971.60	0.03724	0.00000	0.09830		0.09830	0.00726	0.02266	0.00092	0.03084	972.50	0.03880	0.06746
Aug.	972.40	0.03861	0.79050	0.37070		1.16120		0.45568	0.00063	0.45631	978.00	0.04993	0.70489
Sept.	976.60	0.04685	0.05110	0.08330	0.00189	0.13629		0.13305	0.00085	0.13390	977.70	0.04924	0.00239
Oct.	978.30	0.05057	0.00000	0.21470	0.02583	0.24053		0.25185	0.00101	0.25286	977.20	0.03825	-0.01233
Nov.	971.00	0.03627	0.00000	0.39040	0.02655	0.41695		0.40566	0.00071	0.40637	976.60	0.04685	0.01058
Dec.	977.10	0.04787	0.00000	0.44910	0.00692	0.45602		0.45330	0.00066	0.45395	978.00	0.04993	0.00207
Total			**0.84160**	**2.93770**	**0.13639**	**3.91589**	**0.00726**	**2.80837**	**0.01300**	**2.82864**			**1.08705**

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1994

nth	Capacity at the Beginning of the month in Maf	Inflow to J S Dam Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	Total Inflow in Maf	Out flow from J S Dam Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the month in Maf	Gain or loss in Maf Gain = (+) Loss = (-)
.10	0.05014	0.00000	0.36970	0.01606	0.38576		0.39314	0.00061	0.39374	974.20	0.04215	-0.00799
.50	0.04665	0.00000	0.37200	0.01565	0.38765		0.38113	0.00083	0.38196	979.10	0.05234	0.00569
.40	0.05080	0.00000	0.37140		0.37140		0.00000	0.00115	0.00115	973.40	0.04054	0.37025
.50	0.03708	0.00000	0.08860	0.00161	0.09021		0.07606	0.00152	0.07758	977.90	0.04970	0.01263
90	0.04970	0.00000	0.00690	0.00411	0.01101		0.01960	0.00213	0.02173	972.60	0.03898	-0.01072
80	0.03935	0.00000	0.03370	0.03175	0.06545		0.05717	0.00176	0.05893	976.10	0.04587	0.00652
00	0.04362	0.00040	0.16030	0.50409	0.66479	0.34875	0.31915	0.00098	0.66888	972.90	0.03953	-0.00409
60	0.04288	0.00130	0.36420	0.25510	0.62060	0.10086	0.51514	0.00063	0.61663	976.60	0.04685	0.00397
80	0.03935	0.00000	0.45460	0.17545	0.63005	0.05974	0.56796	0.00074	0.62844	973.60	0.04096	0.00161
60	0.03898	0.00000	0.49670	0.01330	0.51000		0.49570	0.00094	0.49664	979.10	0.05234	0.01336
10	0.05234	0.00000	0.46730	0.00146	0.46876		0.46989	0.00084	0.47073	978.20	0.05037	-0.00197
10	0.05234	0.00000	0.57660	0.00434	0.58094		0.58518	0.00067	0.58585	976.90	0.04743	-0.00491
		0.00170	**3.76200**	**1.02291**	**4.78661**	**0.50934**	**3.88012**	**0.01280**	**4.40226**			**0.38435**

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1995

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the month in Maf	Gain or loss in Maf Gain = (+) Loss = (-)
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf				
Jan.	978.40	0.05080	0.00000	0.49740	0.01302	0.51042		0.50844	0.00067	0.50911	979.00	0.05211	0.00131
Feb.	979.40	0.05303	0.00000	0.42980	0.02249	0.45229		0.45233	0.00088	0.45321	979.00	0.05211	-0.00092
March	979.10	0.05234	0.00000	0.46770	0.02750	0.49520		0.50951	0.00112	0.51063	971.40	0.03691	-0.01543
April	971.80	0.03756	0.00000	0.13070	0.00216	0.13286		0.12472	0.00146	0.12618	975.30	0.04424	0.00668
May	974.50	0.04270	0.00000	0.12140	0.00467	0.12607		0.11937	0.00216	0.12152	976.80	0.04725	0.00455
June	975.50	0.04465	0.00000	0.23840	0.02219	0.26059		0.25653	0.00186	0.25839	976.60	0.04685	0.00220
July	977.00	0.04764	0.00000	0.15790	0.17706	0.33496	0.01271	0.32934	0.00102	0.34306	972.90	0.03953	-0.00810
Aug.	973.30	0.04034	0.00000	0.08320	0.21114	0.29434	0.04444	0.25049	0.00058	0.29551	972.70	0.03916	-0.00117
Sept.	973.30	0.04034	0.00000	0.48550	0.12475	0.61025	0.03895	0.56458	0.00079	0.60432	976.30	0.04626	0.00592
Oct.	976.30	0.04626	0.00000	0.51300		0.51300		0.51323	0.00090	0.51413	972.90	0.03953	-0.00113
Nov.	976.10	0.04587	0.00000	0.48090	0.00294	0.48384		0.49208	0.00070	0.49279	971.40	0.03691	-0.00895
Dec.	971.80	0.03756	0.00000	0.56480	0.00536	0.57016		0.55788	0.00059	0.55847	977.70	0.04924	0.01169
Total			**0.00000**	**4.17070**	**0.61328**	**4.78398**	**0.09610**	**4.67851**	**0.01273**	**4.78734**			**-0.00336**

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1996

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow	Out flow from J S Dam			Total Out flow	Level at the Endof The month	Capacity at the End of the month
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	in Maf	Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	in Maf	in ft.	in Maf
Jan.	977.50	0.04878	0.00000	0.53340	0.00515	0.53855		0.54347	0.00061	0.54408	974.80	0.0432
Feb.	977.40	0.04855	0.00000	0.47370	0.00639	0.48009		0.48929	0.00074	0.49003	972.40	0.0366
March	972.70	0.03916	0.00000	0.34700	0.01250	0.35950		0.36182	0.00099	0.36281	970.70	0.0358
April	970.50	0.03558	0.00000	0.18470	0.00622	0.19092		0.17958	0.00145	0.18102	975.90	0.0454
May	974.80	0.04325	0.00000	0.24950	0.02148	0.27098		0.26724	0.00212	0.26937	975.60	0.0448
June	977.80	0.04947	0.00000	0.13660	0.00033	0.13693		0.14690	0.00178	0.14868	971.90	0.037
July	972.00	0.03788	0.00040	0.17620	0.13721	0.31381	0.00530	0.30776	0.00091	0.31397	971.90	0.037
Aug.	972.10	0.03806	1.22040	0.34350	0.92812	2.49202	1.97266	0.51239	0.00059	2.48564	975.40	0.044
Sept.	975.10	0.04362	1.39260	0.62510		2.01770	0.87690	0.64494	0.00076	1.52259	972.20	0.038
Oct.	972.50	0.03880	0.00000	0.46440	0.01227	0.47667		0.47658	0.00083	0.47740	972.10	0.038
Nov.	973.30	0.04034	0.00000	0.44450	0.00630	0.45080		0.44773	0.00071	0.44843	974.50	0.042
Dec.	974.50	0.04270	0.00000	0.51470	0.00189	0.51659		0.51654	0.00060	0.51714	975.40	0.042
Total			**2.61340**	**4.49330**	**1.13785**	**8.24455**	**2.85486**	**4.89423**	**0.01209**	**7.76117**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1997

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Cap at th of th in M
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	977.60	0.04901	0.00000	0.49510	0.12477	0.61987		0.62038	0.00064	0.62101	977.1	
Feb.	977.80	0.04947	0.00000	0.47020	0.00111	0.47131		0.46981	0.00083	0.47064	978.10	
March	977.10	0.04832	0.00000	0.45820		0.45820		0.46286	0.00109	0.46395	971.90	
April	971.10	0.03643	0.00000	0.21790		0.21790		0.07646	0.00145	0.07791	975.50	
May	975.60	0.04486	0.00000	0.19110		0.19110		0.18057	0.00218	0.18275	976.30	
June	976.30	0.04626	0.00000	0.22010	0.04570	0.26580		0.27169	0.00175	0.27345	972.40	
July	972.10	0.03806	0.00000	0.34630	0.04684	0.39314		0.39306	0.00091	0.39397	971.60	
Aug.	972.60	0.03898	0.00000	0.12690	0.13435	0.26125	0.00857	0.25211	0.00057	0.26125	972.60	
Sept.	972.60	0.03898	0.00000	0.19910	0.08950	0.28860		0.28861	0.00072	0.28933	972.20	
Oct.	971.90	0.03772	0.00000	0.33590	0.01994	0.35584		0.35487	0.00082	0.35568	972.00	
Nov.	972.30	0.03843	0.00000	0.38900	0.01017	0.39917		0.39513	0.00069	0.39582	974.00	
Dec.	972.90	0.03953	0.00000	0.27440	0.01455	0.28895		0.28366	0.00058	0.28424	975.30	
Total			**0.00000**	**3.72420**	**0.48693**	**4.21113**	**0.00857**	**4.04921**	**0.01223**	**4.07001**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow	Out flow from J S Dam			Total Out flow	L th T
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	in Maf	Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	in Maf	i
Jan.	976.10	0.04587	0.00000	0.46880	0.00194	0.47074		0.47094	0.00060	0.47155	
Feb.	974.20	0.04215	0.00000	0.43230	0.01104	0.44334		0.44543	0.00071	0.44614	
March	972.50	0.03880	0.00000	0.45160	0.00092	0.45252		0.44831	0.00105	0.44936	
April	973.50	0.04075	0.00000	0.26160	0.00397	0.26557		0.26078	0.00151	0.26229	
May	975.00	0.04362	0.00000	0.37560	0.01783	0.39343		0.38536	0.00221	0.38757	
June	977.10	0.04787	0.00000	0.21860		0.21860		0.22222	0.00183	0.22404	
July	973.90	0.04157	0.00000	0.12160	0.06535	0.18695		0.18784	0.00096	0.18881	
Aug.	973.70	0.04116	0.00000	0.17580	0.03152	0.20732		0.20632	0.00060	0.20691	
Sept.	973.30	0.04034	0.00000	0.25660	0.07905	0.33565		0.33449	0.00075	0.3352	
Oct.	972.10	0.03806	0.00000	0.21610	0.04500	0.26110		0.25898	0.00083	0.2598	
Nov.	972.70	0.03916	0.00000	0.41330	0.00437	0.41767		0.41288	0.00070	0.4135	
Dec.	974.00	0.04178	0.00000	0.44500		0.44500		0.43263	0.00062	0.4332	
Total			**0.00000**	**3.83690**	**0.26099**	**4.09789**		**4.06617**	**0.01237**	**4.0785**	

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level a the End The m in ft.
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf		
Jan.	977.50	0.04878	0.00000	0.49740		0.49740		0.42650	0.00062	0.42712	975
Feb.	976.50	0.04665	0.00000	0.42980		0.42980		0.40277	0.00081	0.40357	97
March	978.70	0.05145	0.00000	0.46770		0.46770		0.45146	0.00127	0.45273	97
April	978.80	0.05168	0.00000	0.13070	0.11243	0.24313		0.24850	0.00166	0.25015	975
May	975.50	0.04465	0.00000	0.12140	0.02960	0.15100		0.14927	0.00214	0.15141	975
June	975.40	0.04444	0.00000	0.23840		0.23840		0.21621	0.00190	0.21811	97
July	977.70	0.04924	0.00000	0.15790	0.33420	0.49210	0.11850	0.38283	0.00102	0.50236	97
Aug.	972.90	0.03953	0.00000	0.08320	0.25992	0.34312		0.34010	0.00059	0.34069	974
Sept.	974.40	0.04252	0.00000	0.48550		0.48550		0.17269	0.00082	0.17351	97
Oct.	975.70	0.04506	0.00000	0.51300		0.51300		0.29155	0.00098	0.29254	97
Nov.	978.90	0.05188	0.00000	0.48090		0.48090		0.24009	0.00085	0.24094	97
Dec.	978.30	0.05057	0.00000	0.56480		0.56480		0.40320	0.00067	0.40387	97
Total			**0.00000**	**4.17070**	**0.73615**	**4.90685**	**0.11850**	**3.72518**	**0.01332**	**3.85700**	

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2000

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Ca at of in
-			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	977.80	0.04947	0.00000	0.38000		0.38000		0.34530	0.00066	0.34596	979.10	
Feb.	978.10	0.05014	0.00000	0.38320	0.00254	0.38574		0.38423	0.00084	0.38507	978.40	
March	979.10	0.05234	0.00000	0.40570		0.40570		0.39276	0.00130	0.39406	979.10	
April	979.40	0.05303	0.00000	0.15110		0.15110		0.14309	0.00185	0.14494	979.80	
May	979.70	0.05372	0.00000	0.02000	0.00528	0.02528		0.02439	0.00250	0.02689	979.00	
June	978.60	0.05124	0.00000	0.03270	0.00801	0.04071		0.04230	0.00202	0.04432	977.90	
July	976.60	0.04646	0.00000	0.03820	0.22755	0.26575	0.12831	0.14355	0.00100	0.27286	972.80	
Aug.	972.40	0.03861	0.00000	0.03410	0.02241	0.05651		0.04480	0.00062	0.04542	977.90	
Sept.	978.00	0.04993	0.00000	0.05930	0.01187	0.07117		0.07400	0.00085	0.07485	976.30	
Oct.	975.50	0.04465	0.00000	0.30470		0.30470		0.04738	0.00094	0.04832	976.10	
Nov.	976.60	0.04685	0.00000	0.41460	0.00128	0.41588		0.41531	0.00077	0.41608	976.50	
Dec.	977.00	0.04764	0.00000	0.15280	0.95100	1.10380		1.11008	0.00060	1.11068	973.50	
Total			**0.00000**	**2.37640**	**1.22994**	**3.60634**	**0.12831**	**3.16720**	**0.01395**	**3.30946**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2001

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	C a o i
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	971.50	0.03708	0.00000	0.02180	0.00347	0.02527		0.02086	0.00054	0.02139	973.60	
Feb.	973.70	0.04116	0.00000	0.00900	0.00209	0.01109		0.00864	0.00073	0.00937	974.60	
March	974.60	0.04288	0.00000	0.00870	0.00683	0.01553		0.01223	0.00112	0.01335	975.70	
April	975.40	0.04444	0.00000	0.01390		0.01390		0.01214	0.00156	0.01370	975.40	
May	975.50	0.04465	0.00000	0.01560	0.00951	0.02511		0.02495	0.00211	0.02706	974.50	
June	974.60	0.04288	0.00000	0.03200	0.04308	0.07508		0.07214	0.00179	0.07393	975.20	
July	975.30	0.04424	0.00000	0.00060	0.33563	0.33623	0.21397	0.12334	0.00101	0.33832	974.20	
Aug.	974.30	0.04233	0.00000	0.02810	0.11226	0.14036		0.13659	0.00062	0.13721	975.90	
Sept.	975.90	0.04548	0.00000	0.19550	0.00897	0.20447		0.20386	0.00082	0.20468	975.80	
Oct.	974.90	0.04343	0.00000	0.18960	0.01131	0.20091		0.19785	0.00092	0.19878	975.90	
Nov.	976.70	0.04750	0.00000	0.37280		0.37280		0.37026	0.00075	0.37102	974.80	
Dec.	975.20	0.04403	0.00000	0.44150		0.44150		0.43624	0.00060	0.43684	975.30	
Total			**0.00000**	**1.32910**	**0.53315**	**1.86225**	**0.21397**	**1.61910**	**0.01257**	**1.84564**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2002

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Ca at of in
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	975.40	0.04444	0.00000	0.42200		0.42200		0.38938	0.00060	0.38998	976.50	
Feb.	975.70	0.04506	0.00000	0.41220		0.41220		0.03314	0.00079	0.03393	977.60	
March	977.70	0.04924	0.00000	0.45400		0.45400		0.00503	0.00119	0.00622	976.40	
April	976.50	0.04665	0.00000	0.24040		0.24040		0.01262	0.00157	0.01418	974.50	
May	974.70	0.04307	0.00000	0.14870		0.14870		0.01797	0.00211	0.02007	975.20	
June	975.20	0.04403	0.00000	0.19130		0.19130		0.01695	0.00176	0.01872	973.80	
July	973.70	0.04116	0.00000	0.25680		0.25680		0.00809	0.00098	0.00907	974.30	
Aug.	974.30	0.04233	0.00000	0.25790		0.25790	0.02190	0.05443	0.00065	0.07699	978.70	
Sept.	978.60	0.05124	0.00000	0.15660		0.15660		0.00610	0.00091	0.00701	978.70	
Oct.	978.80	0.05168	0.00000	0.27670		0.27670		0.01172	0.00100	0.01272	976.30	
Nov.	976.30	0.04626	0.00000	0.25680		0.25680		0.00740	0.00084	0.00824	977.00	
Dec.	977.00	0.04764	0.00000	0.39640		0.39640		0.01377	0.00065	0.01442	977.90	
Total			**0.00000**	**3.46980**	**0.00000**	**3.46980**	**0.02190**	**0.57660**	**0.01305**	**0.51156**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2003

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow	Out flow from J S Dam			Total Out flow	Level at the Endof The month
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	in Maf	Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	in Maf	in ft.
Jan.	977.90	0.04970	0.00000	0.00129	0.00186	0.00315		0.00139	0.00066	0.00205	978.40
Feb.	978.40	0.05080	0.00000	0.00688	0.00420	0.01108		0.01273	0.00083	0.01356	977.30
March	977.30	0.04832	0.00000	0.00201	0.00247	0.00448		0.00419	0.00119	0.00538	976.90
April	976.90	0.04743	0.00000	0.05009		0.05009		0.04637	0.00165	0.04801	977.10
May	977.20	0.04809	0.00000	0.08067	0.00463	0.08530		0.08389	0.00225	0.08615	976.80
June	976.70	0.04750	0.00000	0.04444	0.02127	0.06571		0.06526	0.00188	0.06714	976.20
July	976.20	0.04607	0.00000	0.00000	0.05266	0.05266		0.05303	0.00105	0.05408	975.50
Aug.	975.00	0.04362	0.00000	0.00000	0.04356	0.04356		0.04148	0.00063	0.04211	975.70
Sept.	975.20	0.04403	0.00000	0.00000	0.08538	0.08538		0.08072	0.00082	0.08154	977.10
Oct.	976.50	0.04665	0.00000	0.05744	0.01068	0.06812		0.06408	0.00098	0.06506	977.90
Nov.	978.40	0.05080	0.00000	0.44920	0.01813	0.46733		0.46923	0.00081	0.47004	977.20
Dec.	977.90	0.04970	0.00000	0.49324		0.49324		0.46292	0.00067	0.46360	978.60
Total			**0.00000**	**1.18526**	**0.24483**	**1.43009**		**1.38529**	**0.01343**	**1.39872**	

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2004

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Ca at t of t in M
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	978.80	0.05168	0.00000	0.24426	0.12616	0.37042		0.37970	0.00061	0.38031	974.00	
Feb.	975.80	0.04527	0.00000	0.11129	0.00137	0.11266		0.11069	0.00078	0.11147	976.40	
March	976.40	0.04646	0.00000	1.23679		1.23679		0.06849	0.00121	0.06970	978.50	
April	978.50	0.05101	0.00000	0.00082	0.00478	0.00560		0.00828	0.00168	0.00996	976.50	
May	976.30	0.04626	0.00000	0.01433		0.01433		0.01564	0.00210	0.01774	973.50	
June	974.00	0.04178	0.00000	0.00288	0.00440	0.00728		0.01129	0.00164	0.01293	970.90	
July	970.90	0.03613	0.00000	0.00000	0.04238	0.04238		0.02782	0.00100	0.02882	977.90	
Aug.	976.70	0.04704	0.00000	0.00000	0.40726	0.40726	0.19405	0.21692	0.00063	0.41160	974.50	
Sept.	973.30	0.04233	0.00000	0.32037		0.32037		0.27639	0.00078	0.27718	975.90	
Oct.	975.70	0.04506	0.00000	0.36040		0.36040		0.27221	0.00096	0.27317	977.30	
Nov.	977.70	0.04924	0.00000	0.39172		0.39172		0.34753	0.00082	0.34835	978.10	
Dec.	977.10	0.04787	0.00000	0.45288	0.03886	0.49174		0.48858	0.00066	0.48924	978.20	
Total			**0.00000**	**3.13574**	**0.62521**	**3.76095**	**0.19405**	**2.22354**	**0.01287**	**2.43046**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2005

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Cap at t of t in M
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	976.20	0.04607	0.00000	0.43955	0.00560	0.44515		0.44508	0.00006	0.44515	976.20	
Feb.	976.60	0.04685	0.00000	0.36317	0.01427	0.37744		0.37586	0.00079	0.37666	977.00	
March	976.90	0.04743	0.00000	0.28329		0.28329		0.28673	0.00114	0.28786	974.40	
April	974.80	0.04325	0.00000	0.00827	0.00683	0.01510		0.00934	0.00159	0.01092	976.90	
May	977.00	0.04764	0.00000	0.00792	0.00724	0.01515		0.01149	0.00228	0.01378	977.60	
June	977.30	0.04832	0.00000	0.01866	0.00559	0.02425		0.02562	0.00188	0.02751	975.70	
July	976.10	0.04587	0.00000	0.02785	0.05024	0.07809		0.07824	0.00105	0.07929	975.50	
Aug.	975.30	0.04424	0.00000	0.07443	0.02499	0.09942		0.09515	0.00065	0.09579	977.10	
Sept.	975.90	0.04548	0.00000	0.02125	0.23736	0.25861		0.25904	0.00081	0.25985	975.30	
Oct.	975.80	0.04506	0.00000	0.24879	0.00935	0.25815		0.25679	0.00094	0.25773	975.90	
Nov.	976.50	0.04665	0.00000	0.38663	0.06225	0.44888		0.45053	0.00076	0.45129	975.30	
Dec.	976.10	0.04587	0.00000	0.12456	0.15160	0.27615		0.27214	0.00064	0.27278	977.70	
Total			**0.00000**	**2.00435**	**0.57533**	**2.57967**		**2.56602**	**0.01258**	**2.57860**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2006

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the month in Maf
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	978.40	0.05080	0.00000	0.46500	0.01234	0.47734		0.48284	0.00062	0.48347	975.50	0.0446
Feb.	976.20	0.04607	0.00000	0.36106	0.02996	0.39102		0.38985	0.00078	0.39063	976.40	0.0464
March	976.50	0.04665	0.00000	0.00000	0.00541	0.00541		0.00710	0.00114	0.00824	975.10	0.0438
April	975.20	0.04403	0.00000	0.01790	0.00575	0.02366		0.01799	0.00160	0.01959	977.20	0.048
May	977.30	0.04832	0.00000	0.00411	0.00204	0.00615		0.00698	0.00222	0.00920	975.80	0.045
June	975.80	0.04527	0.00000	0.00593	0.01078	0.01672		0.01131	0.00189	0.01320	977.50	0.048
July	977.80	0.04947	0.00000	0.00000	0.07790	0.07790	0.04745	0.03236	0.00109	0.08091	976.40	0.046
Aug.	976.90	0.04743	1.77256	0.15901	0.54064	2.47221	2.07002	0.39793	0.00068	2.46863	978.50	0.051
Sept.	977.10	0.04787	3.62522	0.51474		4.13996	2.61266	0.48888	0.00085	3.10239	977.20	0.048
Oct.	977.40	0.04855	0.00000	0.46290	0.00498	0.46788		0.47166	0.00095	0.47261	975.10	0.043
Nov.	974.50	0.04270	0.00000	0.48955		0.48955		0.47568	0.00075	0.47643	976.50	0.046
Dec.	976.50	0.04665	0.00000	0.16734	0.31544	0.48278		0.48024	0.00064	0.48088	977.40	0.048
Total			**5.39778**	**2.64755**	**1.00525**	**9.05058**	**4.73013**	**3.26282**	**0.01323**	**8.00618**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2007

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow	Out flow from J S Dam			Total Out flow	Level at the Endof The month	Capacity at the End of the mon
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	in Maf	Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	in Maf	in ft.	in Maf
Jan.	977.00	0.04764	0.00000	0.53364		0.53364		0.48784	0.00062	0.48846	976.50	0.046
Feb.	976.80	0.04725	0.00000	0.31807	0.01708	0.33515		0.33593	0.00078	0.33671	976.00	0.045
March	972.50	0.03880	0.00000	0.23893	0.05270	0.29163		0.27937	0.00112	0.28049	978.00	0.049
April	977.40	0.04855	0.00000	0.14484		0.14484		0.14235	0.00163	0.14397	975.90	0.045
May	975.70	0.04506	0.00000	0.18274	0.01429	0.19703		0.19613	0.00214	0.19827	975.10	0.043
June	975.50	0.04467	0.00000	0.36823	0.02376	0.39199		0.38777	0.00186	0.38963	976.70	0.047
July	976.70	0.04695	0.00000	0.64572	0.14545	0.79117	0.11640	0.67137	0.00110	0.78887	977.70	0.0492
Aug.	978.10	0.05014	0.00000	0.24448	0.05577	0.30025		0.30859	0.00064	0.30923	973.70	0.0411
Sept.	975.10	0.04385	0.00000	0.31261	0.03192	0.34452		0.34188	0.00081	0.34269	976.00	0.0456
Oct.	975.90	0.04548	0.00000	0.03973	0.30133	0.34105		0.33912	0.00095	0.34007	976.40	0.0464
Nov.	976.10	0.04587	0.00000	0.40539	0.01674	0.42213		0.42137	0.00076	0.42213	976.10	0.0458
Dec.	975.20	0.04403	0.00000	0.40576	0.00091	0.40667		0.40759	0.00060	0.40819	974.40	0.04252
Total			**0.00000**	3.84014	**0.65994**	4.50007	**0.11640**	**4.31930**	**0.01300**	**4.44870**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2008

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the mont in Maf
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	975.10	0.04382	0.00000	0.45140	0.00154	0.45294		0.44852	0.00061	0.44913	977.00	0.047
Feb.	977.40	0.04855	0.00000	0.42360		0.42360		0.41511	0.00081	0.41592	977.00	0.047
March	977.50	0.04878	0.00000	0.37960	0.00399	0.38359		0.38122	0.00122	0.38244	978.00	0.049
April	977.60	0.04901	0.00000	0.09000		0.09000		0.08864	0.00160	0.09024	974.80	0.043
May	974.80	0.04325	0.00000	0.00220	0.01337	0.01557		0.00692	0.00221	0.00912	977.90	0.049
June	977.80	0.04947	0.00000	0.34270		0.34270		0.28618	0.00188	0.28806	975.10	0.043
July	975.20	0.04403	0.00000	0.11170	0.04731	0.15901		0.15613	0.00104	0.15717	976.10	0.045
Aug.	975.40	0.04444	0.00000	0.01390	0.08794	0.10184		0.10037	0.00064	0.10101	976.80	0.0452
Sept.	975.40	0.04444	0.00000	0.04450	0.04647	0.09097		0.08579	0.00083	0.08663	977.50	0.0487
Oct.	977.40	0.04855	0.00000	0.06280	0.02176	0.08456		0.08984	0.00094	0.09078	974.30	0.0423
Nov.	974.10	0.04197	0.00000	0.52350		0.52350		0.48508	0.00076	0.48584	977.60	0.0490
Dec.	977.30	0.04832	0.00000	0.04750	0.43886	0.48636		0.48502	0.00065	0.48567	977.60	0.0490
Total			**0.00000**	**2.49340**	**0.66124**	**3.15464**		**3.02883**	**0.01319**	**3.04203**		

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JAWAHAR SAGAR DAM.

MONTHLY WATER ACCOUNT 2009

Month	Level at the Beginnihg of The month	Capacity at the Bebinning of the month		Inflow to	TO JS	Total	Out flow from JS			Total
			Gate discharge from RPS	Machine discharge from RPS	Local catchment	Inflow	Gate discharge	Machine discharge	Evaporation	Out flo
	in ft.	in Maf	in Maf	in'Maf	ini Maf	in'Maf	in Maf	in Maf	in Maf	inl Maf
Jan.	978.60	0.05212	0.00000	0.40030		0.40030		0.41518	0.00062	0.4157
Feb.	978.20	0.05086	0.00000	0.12111		0.12111		0.12477	0.00081	0.1255
March	978.60	0.05212	0.00000	0.00380		0.00380		0.00993	0.00112	0.011
April	977.60	0.04901	0.00000	0.00000		0.00000		0.00849	0.00160	0.010
May	974.80	0.04325	0.00000	0.00750		0.00750		0.01462	0.00221	0.016
June	974.50	0.04269	0.00000	0.00680		0.00680		0.00819	0.00172	0.009
July	976.60	0.04685	0.00000	0.00010	0.09024	0.09034	0.00897	0.08348	0.00100	0.0934
Aug.	**975.5**	**0.04465**	**0.00000**	**0.00000**	**0.01295**	**0.01296**	**0.00000**	**0.01541**	**0.00068**	**0.016**
Sept.	978.4	0.0508	0	0.0051	0.01391	0.01901	0	0.025002	0.0007	0.025
Oct.	974.5	0.04269	0	0.0111	0.11072	0.12182		0.120789	0.0089	0.121
Nov.	975.1	0.04382	0	0.2526	0.10768	0.36028		0.266541	0.00072	0.267
Dec.	977	0.04763	0	0.3617	0.04584	0.40754		0.405297	0.00064	0.405
			0	1.17011	0.38134	1.55145	0.00896895	1.49769218	0.012716	1.519

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF DECEMBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	28.61	11.32	37.76	77.69	63.07	-14.62	7.77	-6.85	12.160	14.90	-19.01
	II	8.80	5.29	31.86	45.95	85.45	39.50	4.60	44.10	66.03	139.16	-21.94
	III	3.07	3.56	24.12	30.75	119.54	88.79	3.08	91.87	88.53	353.61	3.34
1978	I	31.80	7.50	28	67.30	121.46	54.16	6.73	60.89	13.76	8.17	52.72
	II	10.35	6.98	22.52	39.85	88.87	49.02	3.99	53.01	16.37	8.66	44.35
	III	6.09	4.92	13.01	24.02	91.43	67.41	2.40	69.81	38.19	14.09	55.72
1979	I	12.23	1.59	40.67	54.49	146.75	92.26	5.45	97.71	29.25	13.01	84.70
	II	1.77	1.08	21.81	24.66	128.08	103.42	2.47	105.89	144.68	104.01	1.88
	III	1.04	0.74	12.67	14.45	172.59	158.14	1.45	159.59	106.11	115.26	53.48
1980	I	0.31	0.66	7.37	8.34	27.52	19.18	0.83	20.01	0.00	2.48	20.01
	II	0.03	0.45	10.41	10.89	21.64	10.75	1.09	11.84	0.00	2.18	11.84
	III	0.00	0.15	18.09	18.24	29.06	10.82	1.82	12.64	0.00	1.94	12.64
1981	I	0.82	0.32	6.9	8.04	30.50	22.46	0.80	23.26	0.00	11.28	23.26
	II	0.36	0.21	6.89	7.46	26.78	19.32	0.75	20.07	9.31	17.88	10.76
	III	4.70	0.54	6.9	12.14	37.10	24.96	1.21	26.17	5.73	18.15	20.44
1982	I	7.91	4.66	19.22	31.79	71.14	39.35	3.18	42.53	0.59	5.96	41.94
	II	4.23	3.14	13.83	21.20	69.89	48.69	2.12	50.81	14.24	10.73	40.08
	III	2.59	2.16	12.05	16.80	114.21	97.41	1.68	99.09	36.25	48.19	62.84
1983	I	1.86	33.05	9.66	44.57	62.66	18.09	4.46	22.55	0.00	23.40	22.55
	II	0.95	31.61	6.69	39.25	41.63	2.38	3.93	6.31	31.90	24.00	-17.70
	III	2.35	2.12	6.98	11.45	71.14	59.69	1.15	60.84	69.64	80.75	-8.81
1984	I	2.63	1.92	13.72	18.27	127.64	109.37	1.83	111.20	128.19	135.48	-16.99
	II	2.21	1.46	12.04	15.71	124.83	109.12	1.57	110.69	129.42	137.51	-18.73
	III	2.00	1.00	17.99	20.99	147.89	126.90	2.10	129.00	108.81	179.67	20.19
1985	I	10.06	8.69	30.26	49.01	71.96	22.95	4.90	27.85	0.00	15.57	27.85
	II	4.11	5.49	29.98	39.58	80.83	41.25	3.96	45.21	0.00	23.66	45.21
	III	1.90	4.55	25.66	32.11	72.43	40.32	3.21	43.53	0.13	10.37	43.40

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1986	I	0.84	1.67	16.10	18.61	105.96	87.35	1.86	89.21	3.16	68.14	86.05
	II	0.64	1.64	15.33	17.61	136.77	119.16	1.76	120.92	101.80	114.00	19.12
	III	0.44	1.45	15.77	17.66	169.03	151.37	1.77	153.14	128.72	133.52	24.42
1987	I	1.76	2.65	21.36	25.77	76.97	51.20	2.58	53.78	0.00	8.32	53.78
	II	1.57	2.74	43.43	47.74	120.46	72.72	4.77	77.49	0.00	12.54	77.49
	III	0.75	2.40	20.22	23.37	81.28	57.91	2.34	60.25	0.00	9.59	60.25
1988	I	0.37	1.99	18.66	20.79	72.86	52.07	2.08	54.15	0.00	21.45	54.15
	II	0.14	1.52	37.04	38.56	104.60	66.04	3.86	69.90	0.00	20.84	69.90
	III	0.00	0.63	24.65	25.28	95.09	69.81	2.53	72.34	0.00	26.84	72.34
1989	I	0.00	0.00	26.05	26.05	70.79	44.74	2.61	47.35	0.00	37.19	47.35
	II	0.00	0.00	27.18	27.18	89.57	62.39	2.72	65.11	0.00	40.13	65.11
	III	0.00	0.00	28.03	32.91	93.87	60.96	3.29	64.25	0.00	38.14	64.25
1990	I	4.88	2.34	25.07	29.64	92.16	62.52	2.96	65.48	0.00	24.09	65.48
	II	2.23	2.44	25.28	29.05	94.31	65.26	2.91	68.17	0.00	22.81	68.17
	III	1.33	1.91	27.71	29.62	99.48	69.86	2.96	72.82	0.00	19.55	72.82
1991	I	0.00	0.94	18.97	19.91	85.15	65.24	1.99	67.23	0.00	4.29	67.23
	II	0.00	0.37	23.39	23.76	85.34	61.58	2.38	63.96	0.00	9.48	63.96
	III	0.00	0.13	21.23	22.35	92.13	69.78	2.24	72.02	0.00	14.61	72.02
1992	I	0.99	1.53	9.98	12.50	76.15	63.65	1.25	64.90	0.00	18.84	64.90
	II	0.12	0.43	6.69	7.24	77.14	69.90	0.72	70.62	0.00	29.72	70.62
	III	0.00	0.13	7.36	7.49	83.27	75.78	0.75	76.53	0.00	25.68	76.53
1993	I	0.88	1.35	8.95	11.18	81.11	69.93	1.12	71.05	0.00	12.70	71.05
	II	0.08	1.15	10.54	11.77	73.34	61.57	1.18	62.75	0.00	21.01	62.75
	III	0.00	1.02	7.19	8.21	69.52	61.31	0.82	62.13	0.00	25.73	62.13
1994	I	0.60	0.83	7.62	9.05	62.17	53.12	0.91	54.03	14.30	48.22	39.73
	II	0.05	0.78	7.78	8.61	74.10	65.49	0.86	66.35	75.02	58.88	18.13
	III	0.00	0.72	8.19	8.91	78.59	69.68	0.89	70.57	12.76	42.79	11.69
1995	I	0.00	0.54	12.37	12.91	91.75	78.84	1.29	80.13	4.49	27.01	67.37
	II	0.00	0.25	14.00	14.25	91.51	77.26	1.43	78.69	31.260	47.78	74.20
	III	0.00	0.08	19.38	19.46	92.97	73.51	1.95	75.46	34.47	51.50	44.20
1996	I	2.47	2.58	12.06	17.11	70.23	53.12	1.71	54.83	1.80	11.70	20.36
	II	0.88	1.32	14.54	16.74	77.24	60.50	1.67	62.17	7.63	5.37	60.37
	III	0.02	1.28	14.59	15.89	69.18	53.29	1.59	54.88	0.00	5.83	49.51
1997	I	384.60	255.30	573.80	1213.70	847.90	-365.80	121.37	-244.43	1.35	104.50	-244.43
	II	175.40	99.57	276.10	551.07	613.90	62.83	55.11	117.94	44.37	56.99	116.59
	III	78.46	45.31	105.10	228.87	241.60	12.73	22.89	35.62	88.02	11.39	-8.75

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1998	I	4.03	2.68	10.90	17.61	39.96	22.35	1.76	24.11	2.67	34.90	12.72
	II	1.85	0.39	13.85	16.09	36.97	20.88	1.61	22.49	0.30	33.55	19.82
	III	1.51	0.03	16.36	17.90	43.30	25.40	1.79	27.19	0.00	34.54	26.89
1999	I	5.12	1.20	42.46	48.78	75.06	26.28	4.88	31.16	78.14	95.35	31.16
	II	2.69	0.49	40.75	43.93	105.90	61.97	4.39	66.36	55.60	167.50	-11.77
	III	0.81	0.23	38.93	39.97	38.19	-1.78	4.00	2.22	0.00	36.44	-53.39
2000	I	0.00	0.00	73.54	73.54	27.92	-45.62	7.35	-38.27	0.00	27.51	-38.27
	II	0.00	0.00	56.83	56.83	13.16	-43.67	5.68	-37.99	0.00	19.81	-37.99
	III	0.00	0.00	53.11	53.11	8.75	-44.36	5.31	-39.05	0.00	21.30	-39.05
2001	I	0.00	0.00	19.63	19.63	23.25	3.62	1.96	5.58	0.00	38.74	5.58
	II	0.00	0.00	18.91	18.91	27.38	8.47	1.89	10.36	0.00	28.71	10.36
	III	0.00	0.00	18.84	18.84	27.84	9.00	1.88	10.88	0.00	10.44	10.88
2002	I	0.00	0.00	34.02	34.02	0.66	-33.36	3.40	-29.96	0.00	2.16	-29.96
	II	0.00	0.00	32.68	32.68	0.62	-32.06	3.27	-28.79	0.00	2.13	-28.79
	III	0.00	0.00	23.38	23.38	0.73	-22.65	2.34	-20.31	0.00	2.29	-20.31
2003	I	0.00	0.00	91.42	91.42	25.20	-66.22	9.14	-57.08	0.00	23.12	-57.08
	II	0.00	0.00	92.25	92.25	29.08	-63.17	9.23	-53.95	0.00	28.55	-53.95
	III	0.00	0.00	78.72	78.72	31.15	-47.57	7.87	-39.70	0.00	30.56	-39.70
2004	I	0.00	0.00	7.10	7.10	31.29	24.19	0.71	24.90	0.00	18.70	24.90
	II	0.00	0.00	7.50	7.50	32.55	25.05	0.75	25.80	0.00	26.25	25.80
	III	0.00	0.00	6.95	6.95	30.77	23.82	0.70	24.52	0.00	40.04	24.52

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF NOVEMBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	11.25	7.00	38.39	56.64	117.52	60.88	5.66	66.54	37.890	84.97	28.65
	II	4.06	4.61	41.66	50.33	125.68	75.35	5.03	80.38	46.21	124.68	34.17
	III	2.86	3.21	40.74	46.81	104.66	57.85	4.68	62.53	29.54	103.14	32.99
1978	I	8.06	4.31	22.19	34.56	78.62	44.06	3.46	47.52	10.08	8.05	39.47
	II	1.83	3.47	20.56	25.86	76.48	50.62	2.59	53.21	2.79	2.74	50.47
	III	1.80	3.32	16.86	21.98	66.90	44.92	2.20	47.12	10.10	5.45	41.67
1979	I	0.78	0.80	5.18	6.76	51.37	44.61	0.68	45.29	0.00	0.00	45.29
	II	0.75	0.62	11.33	12.70	72.19	59.49	1.27	60.76	1.17	0.31	60.45
	III	1.72	0.70	34.69	37.11	239.08	201.97	3.71	205.68	30.58	21.23	184.45
1980	I	1.36	1.93	14.32	17.61	74.12	56.51	1.76	58.27	0.00	2.37	58.27
	II	0.91	1.26	18.27	20.44	75.19	54.75	2.04	56.79	0.00	2.68	56.79
	III	0.52	0.87	15.7	17.09	68.71	51.62	1.71	53.33	0.00	2.44	53.33
1981	I	12.66	4.28	31	47.94	95.51	47.57	4.79	52.36	0.00	12.65	52.36
	II	4.22	1.31	15.77	21.30	54.33	33.03	2.13	35.16	0.00	8.16	35.16
	III	2.05	0.47	7.9	10.42	36.68	26.26	1.04	27.30	0.93	11.22	26.37
1982	I	10.04	11.26	54.93	76.23	146.47	70.24	7.62	77.86	0.00	17.55	77.86
	II	25.07	15.09	77.31	117.47	334.69	217.22	11.75	228.97	20.53	34.24	208.44
	III	20.88	15.63	37.00	73.51	140.46	66.95	7.35	74.30	0.00	7.10	74.30
1983	I	10.07	10.82	31.31	52.20	200.28	148.08	5.22	153.30	45.10	26.68	126.62
	II	6.75	7.68	22.60	37.03	136.37	99.34	3.70	103.04	58.45	100.35	44.59
	III	4.79	5.39	14.48	24.66	126.52	101.86	2.47	104.33	85.74	107.90	18.59
1984	I	1.55	4.59	15.94	22.08	120.95	98.87	2.21	101.08	6.82	32.68	94.26
	II	1.35	3.49	14.14	18.98	92.04	73.06	1.90	74.96	64.19	78.84	10.77
	III	4.17	2.20	10.78	17.15	91.54	74.39	1.72	76.11	61.25	55.62	20.49

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1985	I	33.14	29.61	72.23	134.98	217.32	82.34	13.50	95.84	87.70	34.28	61.56
	II	26.47	20.92	55.57	102.96	132.53	29.57	10.30	39.87	0.00	24.62	39.87
	III	18.92	12.19	37.68	68.79	73.80	5.01	6.88	11.89	0.44	14.43	11.45
1986	I	1.31	1.47	22.18	24.96	169.80	144.84	2.50	147.34	109.56	98.84	48.50
	II	2.01	1.20	16.20	19.41	168.25	148.84	1.94	150.78	83.09	92.88	67.69
	III	1.20	1.46	17.21	19.87	140.68	120.81	1.99	122.80	76.09	75.16	47.64
1987	I	6.25	5.41	27.68	39.34	99.05	59.71	3.93	63.64	3.38	20.00	60.26
	II	7.36	3.44	18.92	29.72	75.68	45.96	2.97	48.93	0.00	13.00	48.93
	III	4.54	2.64	13.81	20.99	72.74	51.75	2.10	53.85	0.00	8.78	53.85
1988	I	15.60	4.96	28.29	42.45	95.49	53.04	4.25	57.29	0.00	16.88	57.29
	II	9.20	2.92	19.32	23.95	80.78	56.83	2.40	59.23	0.00	15.32	59.23
	III	1.71	2.45	18.02	20.51	87.50	66.99	2.05	69.04	0.00	12.09	69.04
1989	I	0.04	0.11	24.39	24.50	75.11	50.61	2.45	53.06	0.00	35.59	53.06
	II	0.00	0.03	23.72	23.75	65.53	41.78	2.38	44.16	0.00	50.06	44.16
	III	0.00	0.00	21.68	44.24	65.05	20.81	4.42	25.23	0.00	35.65	25.23
1990	I	22.56	14.13	29.24	59.05	99.24	40.19	5.91	46.10	0.00	15.53	46.10
	II	15.68	6.76	25.79	44.38	88.23	43.85	4.44	48.29	0.00	19.05	48.29
	III	11.83	3.52	25.05	29.48	95.99	66.51	2.95	69.46	0.00	25.50	69.46
1991	I	0.91	1.09	21.41	22.92	85.33	62.41	2.29	64.70	0.00	9.22	64.70
	II	0.42	1.03	20.87	22.36	88.13	65.77	2.24	68.01	0.00	15.26	68.01
	III	0.46	0.69	19.84	23.26	89.93	66.67	2.33	69.00	0.00	5.38	69.00
1992	I	2.73	2.93	13.29	18.95	108.29	89.34	1.90	91.24	0.00	9.73	91.24
	II	1.78	1.73	10.23	13.74	87.14	73.40	1.37	74.77	0.00	17.05	74.77
	III	1.68	3.07	10.71	15.46	82.76	67.30	1.55	68.85	0.00	17.53	68.85
1993	I	27.37	11.74	29.06	68.17	167.00	98.83	6.82	105.65	0.00	6.80	105.65
	II	16.34	5.45	12.71	34.50	135.38	100.88	3.45	104.33	0.00	9.32	104.33
	III	4.24	1.99	6.66	12.89	122.34	109.45	1.29	110.74	0.00	10.11	110.74
1994	I	8.58	4.02	16.36	28.96	82.00	53.04	2.90	55.94	5.08	30.04	50.86
	II	4.17	2.67	10.43	17.27	60.05	42.78	1.73	44.51	0.00	22.15	44.51
	III	1.54	1.29	6.88	9.71	53.25	43.54	0.97	44.51	0.00	23.84	44.51
1995	I	4.78	2.80	13.01	20.59	98.68	78.09	2.06	80.15	12.42	32.18	80.15
	II	1.21	1.59	5.16	7.96	99.92	91.96	0.80	92.76	6.670	43.91	80.34
	III	0.07	0.85	6.06	6.98	91.81	84.83	0.70	85.53	1.79	26.57	78.86
1996	I	10.54	13.75	23.81	48.10	119.7	71.60	4.81	76.41	0.00	7.16	74.62
	II	11.31	6.46	27.91	45.68	86.98	41.30	4.57	45.87	0.00	7.52	45.87
	III	8.78	4.68	14.00	27.46	68.23	40.77	2.75	43.52	2.43	8.42	43.52

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1997	I	26.16	18.33	39.21	83.70	103	19.30	8.37	27.67	0.00	11.82	25.24
	II	17.33	7.45	30.94	55.72	63.37	7.65	5.57	13.22	2.57	16.5	13.22
	III	27.13	26.26	14.87	68.26	86.03	17.77	6.83	24.60	0.00	23.61	22.03
1998	I	30.90	10.10	23.99	64.99	96.55	31.56	6.50	38.06	7.38	33.01	38.06
	II	17.08	6.97	11.83	35.88	52.66	16.78	3.59	20.37	0.00	21.19	12.99
	III	7.08	3.71	9.62	20.41	43.48	23.07	2.04	25.11	0.00	27.32	25.11
1999	I	31.08	28.62	68.11	127.81	112	-15.81	12.78	-3.03	9.53	26.19	-3.03
	II	14.98	18.05	55.86	88.89	66.47	-22.42	8.89	-13.53	0.30	33.59	-23.06
	III	7.64	7.46	45.37	60.47	42.36	-18.11	6.05	-12.06	2.99	24.74	-12.36
2000	I	0.00	0.00	63.34	63.34	21.88	-41.46	6.33	-35.13	0.00	24.64	-38.12
	II	0.00	0.00	59.98	59.98	24.83	-35.15	6.00	-29.15	0.00	25.79	-29.15
	III	0.00	0.00	62.31	62.31	27.03	-35.28	6.23	-29.05	0.00	30.96	-29.05
2001	I	0.00	1.42	45.10	46.52	11.59	-34.93	4.65	-30.28	0.00	19.45	-30.28
	II	0.00	0.01	26.19	26.20	10.52	-15.68	2.62	-13.06	0.00	23.59	-13.06
	III	0.00	0.00	20.88	20.88	13.89	-6.99	2.09	-4.90	0.00	25.95	-4.90
2002	I	0.00	0.00	38.49	38.49	1.59	-36.90	3.85	-33.05	0.00	2.72	-33.05
	II	0.00	0.00	36.85	36.85	0.91	-35.94	3.69	-32.26	0.00	2.61	-32.26
	III	0.00	0.00	35.16	35.16	0.73	-34.43	3.52	-30.91	0.00	2.42	-30.91
2003	I	9.62	3.91	131.20	144.73	14.05	-130.68	14.47	-116.21	0.00	12.54	-116.21
	II	1.52	0.00	93.89	95.41	9.16	-86.25	9.54	-76.71	0.00	16.17	-76.71
	III	0.00	0.00	89.01	89.01	14.3	-74.71	8.90	-65.81	0.00	19.42	-65.81
2004	I	17.94	0.31	10.82	29.07	20.07	-9.00	2.91	-6.09	0.00	6.02	-6.09
	II	0.00	0.00	5.17	5.17	20.91	15.74	0.52	16.26	0.00	11.59	16.26
	III	0.00	0.00	5.86	5.86	26.47	20.61	0.59	21.20	0.00	20.96	21.20

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF OCTOBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	58.98	31.51	114.94	205.43	276.79	71.36	20.54	91.90	29.150	11.60	80.30
	II	36.92	16.98	77.83	131.73	204.28	72.55	13.17	85.72	55.02	126.91	30.70
	III	22.88	10.56	54.12	87.56	195.74	108.18	8.76	116.94	39.33	81.20	77.61
1978	I	35.79	24.02	55.54	115.35	133.93	18.58	11.54	30.12	4.25	5.73	25.87
	II	22.88	10.97	39.92	73.77	91.83	18.06	7.38	25.44	1.61	2.40	23.83
	III	14.41	5.86	24.86	45.13	64.28	19.15	4.51	23.66	3.73	4.70	19.93
1979	I	4.56	10.03	2.00	16.59	53.00	36.41	1.66	38.07	4.25	3.54	34.53
	II	6.55	1.85	6.32	14.72	44.37	29.65	1.47	31.12	0.00	0.00	31.12
	III	1.13	1.31	5.65	8.09	47.95	39.86	0.81	40.67	0.00	0.00	40.67
1980	I	8.45	6.96	16.49	31.90	95.22	63.32	3.19	66.51	0.00	0.86	66.51
	II	3.90	3.58	8.71	16.19	89.07	72.88	1.62	74.50	0.26	2.04	74.24
	III	1.92	2.16	12.47	16.55	76.52	59.97	1.66	61.63	0.00	2.80	61.63
1981	I	13.11	8.42	34.82	56.35	138.43	82.08	5.64	87.72	0.00	8.93	87.72
	II	2.96	4.11	17.76	24.83	73.47	48.64	2.48	51.12	3.51	11.63	47.61
	III	3.29	3.71	9.19	16.19	54.80	38.61	1.62	40.23	2.53	12.04	37.70
1982	I	7.94	12.91	59.00	79.85	152.44	72.59	7.99	80.58	0.00	14.79	80.58
	II	5.21	6.40	29.32	40.93	80.84	39.91	4.09	44.00	1.32	8.49	42.68
	III	5.73	4.01	20.95	30.69	73.77	43.08	3.07	46.15	1.60	10.57	44.55
1983	I	53.07	72.08	132.68	257.83	387.47	129.64	25.78	155.42	0.00	6.48	155.42
	II	71.83	68.43	125.55	265.81	434.04	168.23	26.58	194.81	0.00	11.54	194.81
	III	15.30	15.90	47.27	78.47	309.42	230.95	7.85	238.80	0.00	9.82	238.80
1984	I	18.89	16.62	41.99	77.50	136.12	58.62	7.75	66.37	0.00	8.07	66.37
	II	17.16	8.82	31.43	57.41	90.79	33.38	5.74	39.12	0.00	9.59	39.12
	III	6.38	6.35	26.22	38.95	135.76	96.81	3.90	100.71	124.09	116.25	-15.55
1985	I	701.27	1574.96	1051.43	3327.66	2924.68	-402.98	332.77	-70.21	30.41	97.72	-100.62
	II	123.70	136.63	468.85	729.18	1345.80	616.62	72.92	689.54	3.24	51.43	686.30

	III	48.25	43.32	119.00	210.57	321.06	110.49	21.06	131.55	0.00	13.90	131.55
1986	I	19.52	5.81	21.62	46.95	125.77	78.82	4.70	83.52	0.00	13.08	83.52
	II	13.49	3.65	14.09	31.23	71.94	40.71	3.12	43.83	23.67	15.10	28.73
	III	4.53	2.20	10.44	17.17	114.03	96.86	1.72	98.58	82.98	63.63	34.95
1987	I	9.18	19.38	74.60	103.16	109.57	6.41	10.32	16.73	0.00	9.29	16.73
	II	19.54	22.55	227.43	269.52	659.93	390.41	26.95	417.36	0.90	69.50	416.46
	III	11.55	17.25	100.80	129.60	295.98	166.38	12.96	179.34	0.00	17.65	179.34
1988	I	263.99	83.66	188.39	536.04	702.94	166.90	53.60	220.50	0.00	40.20	220.50
	II	43.32	15.44	50.01	108.77	147.86	39.09	10.88	49.97	0.00	13.11	49.97
	III	24.54	8.37	36.80	69.71	100.70	30.99	6.97	37.96	0.00	13.98	37.96
1989	I	5.14	2.20	24.04	31.38	87.37	55.99	3.14	59.13	0.00	12.38	59.13
	II	1.14	1.36	20.16	22.66	71.73	49.07	2.27	51.34	0.00	14.02	51.34
	III	0.25	0.36	21.00	21.61	71.09	49.48	2.16	51.64	26.64	14.81	36.83
1990	I	125.74	118.15	285.24	529.13	606.17	77.04	52.91	129.95	0.00	52.10	129.95
	II	56.98	35.71	110.28	202.97	201.65	-1.32	20.30	18.98	0.00	10.06	18.98
	III	36.27	24.72	50.00	110.99	139.64	28.65	11.10	39.75	0.00	14.54	39.75
1991	I	8.70	6.36	22.93	37.99	109.31	71.32	3.80	75.12	0.00	14.48	75.12
	II	2.37	2.74	21.62	26.73	86.58	59.85	2.67	62.52	0.00	15.10	62.52
	III	1.54	1.77	21.90	25.21	83.81	58.60	2.52	61.12	0.00	13.63	61.12
1992	I	2.89	6.42	11.80	21.11	152.93	131.82	2.11	133.93	0.00	12.40	133.93
	II	49.94	8.00	231.06	289.00	821.58	532.58	28.90	561.48	0.00	86.33	561.48
	III	10.31	6.46	21.90	38.67	142.09	103.42	3.87	107.29	0.00	9.42	107.29
1993	I	111.88	67.11	218.20	397.19	746.64	349.45	39.72	389.17	0.00	15.64	389.17
	II	48.12	29.90	66.73	144.75	226.77	82.02	14.48	96.50	0.00	10.00	96.50
	III	38.16	21.03	47.58	106.77	180.89	74.12	10.68	84.80	0.00	5.93	84.80
1994	I	42.45	21.86	41.58	105.89	130.26	24.37	10.59	34.96	0.00	29.49	34.96
	II	24.80	11.38	27.47	63.65	87.74	24.09	6.37	30.46	10.15	50.02	20.31
	III	12.32	6.53	23.98	42.83	84.13	41.30	4.28	45.58	22.73	43.41	22.85
1995	I	5.65	7.35	28.48	41.48	165.49	124.01	4.15	128.16	14.99	48.40	113.17
	II	9.36	5.31	17.26	31.93	136.58	104.65	3.19	107.84	10.500	50.11	97.34
	III	7.70	4.68	19.65	32.03	126.66	94.63	3.20	97.83	0.00	34.70	97.83
1996	I	48.33	25.25	54.33	127.91	242.60	114.69	12.79	127.48	0.00	20.65	127.48
	II	18.51	12.22	50.39	81.12	169.30	88.18	8.11	96.29	0.00	17.60	96.29
	III	15.93	13.63	26.51	56.07	133.40	77.33	5.61	82.94	0.00	11.26	82.94
1997	I	24.12	29.83	74.43	128.38	205.00	76.62	12.84	89.46	0.00	21.42	89.46
	II	8.73	19.47	63.75	91.95	159.50	67.55	9.20	76.75	0.00	21.12	76.75
	III	17.54	20.18	39.64	77.36	93.82	16.46	7.74	24.20	0.00	13.35	24.20
1998	I	101.90	49.45	97.31	248.66	334.50	85.84	24.87	110.71	0.00	20.68	110.71
	II	90.10	44.74	65.33	200.17	232.90	32.73	20.02	52.75	0.00	19.05	52.75
	III	55.01	22.62	57.82	135.45	196.20	60.75	13.55	74.30	1.05	16.55	73.24
1999	I	280.20	163.20	321.40	764.80	676.30	-88.50	76.48	-12.02	0.00	16.64	-12.02
	II	253.80	160.90	231.30	646.00	554.30	-91.70	64.60	-27.10	10.63	24.47	-37.73

	III	55.40	46.14	110.30	211.84	183.50	-28.34	21.18	-7.16	0.00	24.33	-7.16
2000	I	0.38	2.72	88.71	91.81	13.49	-78.32	9.18	-69.14	0.00	5.54	-69.14
	II	0.00	3.11	66.49	69.60	15.64	-53.96	6.96	-47.00	0.00	12.46	-47.00
	III	0.00	0.55	62.62	63.17	18.81	-44.36	6.32	-38.04	0.00	16.23	-38.04
2001	I	8.34	11.51	60.64	80.49	18.28	-62.21	8.05	-54.16	0.00	9.93	-54.16
	II	5.68	8.29	61.88	75.85	24.57	-51.28	7.59	-43.70	0.00	9.76	-43.70
	III	3.53	4.21	50.97	58.71	7.89	-50.82	5.87	-44.95	0.00	11.40	-44.95
2002	I	1.05	0.00	74.98	76.03	1.70	-74.33	7.60	-66.73	0.00	4.26	-66.73
	II	0.00	0.00	68.79	68.79	2.47	-66.32	6.88	-59.44	0.00	3.88	-59.44
	III	0.00	0.00	42.43	42.43	1.87	-40.56	4.24	-36.32	0.00	3.28	-36.32
2003	I	79.84	80.91	383.60	544.35	662.30	117.95	54.44	172.39	0.00	29.14	172.39
	II	26.65	21.68	166.50	214.83	101.00	-113.83	21.48	-92.35	0.00	9.14	-92.35
	III	16.69	10.27	148.00	174.96	21.67	-153.29	17.50	-135.79	0.00	2.81	-135.79
2004	I	88.72	6.65	13.47	108.84	98.54	-10.30	10.88	0.58	0.00	47.26	0.58
	II	1.75	5.28	28.96	35.99	119.06	83.07	3.60	86.67	0.00	18.87	86.67
	III	11.29	4.52	23.46	39.27	58.57	19.30	3.93	23.23	0.00	7.48	23.23

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF SEPTEMBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	436.79	188.30	508.37	1133.46	2491.31	1357.85	113.35	1471.20	84.850	153.60	1386.35
	II	352.98	314.83	1363.22	2031.03	2916.53	885.50	203.10	1088.60	51.08	145.70	1037.52
	III	101.31	60.38	228.8	390.49	565.65	175.16	39.05	214.21	66.10	43.10	171.11
1978	I	222.96	271.25	1220.12	1714.33	3916.45	2202.12	171.43	2373.55	67.20	170.48	2306.35
	II	79.86	128.17	152.24	360.27	413.16	52.89	36.03	88.92	23.90	7.68	81.24
	III	48.34	53.38	75.89	177.61	207.16	29.55	17.76	47.31	2.13	2.40	45.18
1979	I	30.25	5.51	15.71	51.47	79.13	27.66	5.15	32.81	15.04	6.87	25.94
	II	9.49	2.71	7.29	19.49	57.73	38.24	1.95	40.19	0.04	0.31	40.15
	III	26.01	1.17	4.92	32.10	65.65	33.55	3.21	36.76	0.40	0.00	36.76
1980	I	99.71	248.57	407.64	755.92	1112.20	356.28	75.59	431.87	0.59	1.45	431.28
	II	33.14	24.64	74.95	132.73	188.41	55.68	13.27	68.95	0.00	0.00	68.95
	III	19.61	12.82	33.98	66.41	117.34	50.93	6.64	57.57	0.40	0.00	57.57
1981	I	77.17	65.60	77.36	220.13	251.96	31.83	22.01	53.84	1.53	12.25	52.31
	II	38.58	38.73	45.14	122.45	174.00	51.55	12.25	63.80	3.96	13.34	59.84
	III	25.68	23.46	117.3	166.44	372.93	206.49	16.64	223.13	3.64	24.63	219.49
1982	I	92.48	120.62	92.48	305.58	836.57	530.99	30.56	561.55	168.42	201.06	393.13
	II	51.36	48.37	51.36	151.09	469.84	318.75	15.11	333.86	90.29	121.15	243.57
	III	42.79	40.69	42.79	126.27	355.04	228.77	12.63	241.40	27.28	65.15	214.12
1983	I	551.07	865.69	2839.20	4255.96	3179.38	-1076.58	425.60	-650.98	6.94	212.88	-657.92
	II	117.75	146.24	1683.52	1947.51	1921.77	-25.74	194.75	169.01	6.70	40.06	162.31
	III	82.69	59.30	205.08	347.07	476.35	129.28	34.71	163.99	0.00	11.43	163.99
1984	I	165.01	185.27	1535.72	1886.00	3613.76	1727.76	188.60	1916.36	223.78	258.02	1692.58
	II	81.27	58.90	162.64	302.81	544.87	242.06	30.28	272.34	81.66	87.57	190.68
	III	43.02	32.66	83.33	159.01	310.45	151.44	15.90	167.34	17.19	28.07	150.15
1985	I	77.71	109.71	209.94	397.36	525.66	128.30	39.74	168.04	86.99	89.25	81.05
	II	25.98	31.00	60.13	117.11	184.10	66.99	11.71	78.70	0.00	19.07	78.70
	III	68.24	227.70	1281.53	1577.47	4326.13	2748.66	157.75	2906.41	0.00	152.38	2906.41
1986	I	66.17	34.67	96.95	197.79	373.24	175.45	19.78	195.23	12.23	41.04	183.00
	II	37.53	24.16	54.77	116.46	202.85	86.39	11.65	98.04	0.00	15.63	98.04
	III	26.63	9.23	28.83	64.69	169.74	105.05	6.47	111.52	5.30	19.25	106.22

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1987	I	124.75	200.35	679.00	1004.10	2577.90	1573.80	100.41	1674.21	1.89	208.69	1672.32
	II	49.29	102.89	573.64	725.82	931.40	205.58	72.58	278.16	6.41	25.98	271.75
	III	25.34	42.93	122.36	190.63	325.00	134.37	19.06	153.43	0.00	16.34	153.43
1988	I	47.53	42.22	110.71	200.46	327.80	127.34	20.05	147.39	0.00	13.38	147.39
	II	30.54	28.86	44.87	104.27	107.29	3.02	10.43	13.45	0.00	11.00	13.45
	III	50.43	29.40	86.14	165.97	355.90	189.93	16.60	206.53	0.00	33.31	206.53
1989	I	64.61	61.19	360.29	486.09	2790.73	2304.64	48.61	2353.25	62.72	111.11	2290.53
	II	19.54	10.15	34.89	64.58	155.37	90.79	6.46	97.25	0.00	10.54	97.25
	III	11.38	4.65	28.11	44.14	94.65	50.51	4.41	54.92	0.00	14.07	54.92
1990	I	296.13	421.05	1033.68	1750.86	3246.73	1495.87	175.09	1670.96	60.14	293.76	1610.82
	II	396.17	340.00	813.64	1549.81	2672.42	1122.61	154.98	1277.59	37.59	169.47	1240.00
	III	362.31	529.30	657.05	1548.66	1989.38	440.72	154.87	595.59	48.85	86.83	546.74
1991	I	99.15	101.22	459.14	659.51	2359.10	1699.59	65.95	1765.54	518.24	800.00	1247.30
	II	47.06	39.50	103.94	190.50	500.67	310.17	19.05	329.22	141.38	199.50	187.84
	III	20.63	15.77	33.85	70.25	188.59	118.34	7.03	125.37	0.00	15.55	125.37
1992	I	96.84	308.65	468.15	873.64	1316.23	442.59	87.36	529.95	58.27	102.49	471.68
	II	24.70	42.74	103.64	171.08	541.31	370.23	17.11	387.34	0.00	21.70	387.34
	III	12.65	15.06	28.63	56.34	188.35	132.01	5.63	137.64	0.00	12.57	137.64
1993	I	177.54	284.70	237.68	699.92	549.01	-150.91	69.99	-80.92	2.36	17.68	-83.28
	II	136.76	743.10	2601.29	3481.15	2454.68	-1026.47	348.12	-678.36	9.96	226.21	-688.32
	III	203.42	354.89	940.91	1499.22	1840.88	341.66	149.92	491.58	24.77	82.51	466.81
1994	I	1117.56	620.22	1514.81	3252.59	3518.92	266.33	325.26	591.59	331.42	843.02	260.17
	II	246.33	98.95	308.22	653.50	1104.68	451.18	65.35	516.53	116.95	286.00	399.58
	III	92.55	41.44	109.24	243.23	547.30	304.07	24.32	328.39	138.38	238.63	190.01
1995	I	1514.06	408.56	180.57	2103.19	5448.90	3345.71	210.32	3556.03	267.36	1009.66	3288.67
	II	63.30	43.73	164.32	271.35	577.60	306.25	27.14	333.39	187.37	249.22	146.02
	III	15.19	19.35	79.89	114.43	276.29	161.86	11.44	173.30	111.850	130.14	61.45
1996	I	1052.00	492.10	1906.00	3450.10	5656.00	2205.90	345.01	2550.91	1453.65	2674.00	1097.26
	II	464.30	212.10	519.90	1196.30	2757.00	1560.70	119.63	1680.33	887.80	1931.00	792.53
	III	96.16	56.56	122.30	275.02	747.50	472.48	27.50	499.98	84.52	164.50	415.46
1997	I	195.10	203.40	538.30	936.80	907.70	-29.10	93.68	64.58	70.76	86.71	-6.18
	II	130.40	177.00	446.90	754.30	759.80	5.50	75.43	80.93	19.16	66.49	61.77
	III	55.11	72.43	162.10	289.64	403.60	113.96	28.96	142.92	0.00	26.58	142.92
1998	I	22.84	29.69	71.61	124.14	195.90	71.76	12.41	84.17	0.00	16.06	84.17
	II	397.80	246.50	413.40	1057.70	521.00	-536.70	105.77	-430.93	0.00	38.33	-430.93
	III	1046.00	345.40	756.70	2148.10	1491.00	-657.10	214.81	-442.29	3.65	209.00	-445.94
1999	I	374.50	276.60	645.00	1296.10	1578.00	281.90	129.61	411.51	57.91	205.30	353.60
	II	250.00	843.20	893.50	1986.70	1554.00	-432.70	198.67	-234.03	0.00	56.99	-234.03

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
	III	297.60	424.40	390.00	1112.00	895.90	-216.10	111.20	-104.90	2.54	28.10	-107.44
2000	I	21.99	24.06	403.80	449.85	379.30	-70.55	44.99	-25.57	0.00	13.37	-25.57
	II	16.18	12.27	146.30	174.75	116.40	-58.35	17.48	-40.88	0.00	8.71	-40.88
	III	4.23	5.01	101.70	110.94	33.31	-77.63	11.09	-66.54	0.00	5.15	-66.54
2001	I	16.91	23.89	120.40	161.20	154.20	-7.00	16.12	9.12	0.00	17.07	9.12
	II	12.46	8.65	75.09	96.20	41.67	-54.53	9.62	-44.91	0.00	3.78	-44.91
	III	9.40	5.68	59.71	74.79	13.68	-61.11	7.48	-53.63	0.00	6.65	-53.63
2002	I	208.50	247.00	601.40	1056.90	1135.00	78.10	105.69	183.79	0.00	48.91	183.79
	II	19.07	18.38	189.10	226.55	157.70	-68.85	22.66	-46.20	0.00	23.80	-46.20
	III	6.68	0.51	89.39	96.58	20.87	-75.71	9.66	-66.05	0.00	16.17	-66.05
2003	I	44.45	129.30	899.20	1072.95	1096.00	23.05	107.30	130.35	6.32	64.53	124.02
	II	73.25	112.00	388.00	573.25	439.30	-133.95	57.33	-76.63	57.77	88.17	-134.40
	III	540.80	288.40	543.90	1373.10	1108.00	-265.10	137.31	-127.79	15.83	104.60	-143.62
2004	I	279.13	50.32	57.01	386.46	351.70	-34.76	38.65	3.89	7.55	42.47	-3.66
	II	4.30	16.89	30.48	51.67	147.97	96.30	5.17	101.47	0.00	7.89	101.47
	III	89.28	6.85	18.50	114.63	61.25	-53.38	11.46	-41.92	0.00	10.05	-41.92

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF AUGEST

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	452.72	343.96	1292.01	2088.69	4096.37	2007.68	208.87	2216.55	148.690	256.73	2067.86
	II	81.30	63.14	233.73	378.17	936.60	558.43	37.82	596.25	92.51	108.13	503.74
	III	285.03	247.56	497.09	1029.68	1396.34	366.66	102.97	469.63	114.43	221.12	355.20
1978	I	20.16	70.88	302.25	393.29	366.08	-27.21	39.33	12.12	0.00	0.38	12.12
	II	241.74	412.37	1196.54	1850.65	2023.11	172.46	185.07	357.53	20.47	7.18	350.35
	III	647.84	770.76	2837.72	4256.32	4630.05	373.73	425.63	799.36	283.32	135.91	663.45
1979	I	245.90	467.14	395.73	1108.77	2372.30	1263.53	110.88	1374.41	138.07	144.01	1236.34
	II	126.56	116.98	191.27	434.81	962.25	527.44	43.48	570.92	19.03	12.16	558.76
	III	29.35	6.80	34.62	70.77	142.35	71.58	7.08	78.66	24.19	11.14	67.52
1980	I	64.75	307.60	1445.65	1818.00	2493.44	675.44	181.80	857.24	0.00	0.15	857.24
	II	47.06	49.85	326.94	423.85	551.84	127.99	42.39	170.38	0.93	0.70	169.68
	III	99.67	330.42	644.36	1074.45	685.08	-389.37	107.45	-281.93	0.13	0.00	-281.93
1981	I	166.03	374.91	1014.35	1555.29	2055.28	499.99	155.53	655.52	9.99	89.53	645.53
	II	257.28	163.90	729.68	1150.86	1359.96	209.10	115.09	324.19	26.67	46.84	297.52
	III	54.84	41.31	120.37	216.52	328.53	112.01	21.65	133.66	22.91	38.44	110.75
1982	I	23.37	75.36	617.55	716.28	1279.76	563.48	71.63	635.11	34.20	102.76	600.91
	II	486.75	662.59	2781.75	3931.09	5012.22	1081.13	393.11	1474.24	243.83	587.52	1230.41
	III	439.90	685.36	3394.56	4519.82	6495.96	1976.14	451.98	2428.12	203.29	560.37	2224.83
1983	I	12.02	86.49	528.23	626.74	800.00	173.26	62.67	235.93	25.45	52.03	210.48
	II	42.11	77.12	356.05	475.28	997.40	522.12	47.53	569.65	34.25	53.44	535.40
	III	149.34	217.69	911.85	1278.88	1528.60	249.72	127.89	377.61	20.73	74.20	356.88
1984	I	203.72	359.38	348.04	911.14	1318.55	407.41	91.11	498.52	83.19	69.79	428.73
	II	858.16	1028.86	1454.60	3341.62	4378.09	1036.47	334.16	1370.63	69.60	232.02	1301.03
	III	217.92	216.25	1157.54	1591.71	3774.56	2182.85	159.17	2342.02	0.00	96.99	2342.02
1985	I	976.09	2032.71	1831.27	4840.07	4258.66	-581.41	484.01	-97.40	71.05	1303.01	-168.45
	II	525.73	570.50	1336.00	2432.23	4636.74	2204.51	243.22	2447.73	269.94	376.68	2177.79

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
	III	65.46	67.92	268.81	402.19	888.81	486.62	40.22	526.84	210.98	306.64	315.86
1986	I	220.29	133.02	399.19	752.50	1428.13	675.63	75.25	750.88	144.84	190.05	606.04
	II	1360.87	759.78	2211.91	4332.56	10381.77	6049.21	433.26	6482.47	3937.59	1211.76	5270.71
	III	124.85	74.20	237.80	436.85	952.10	515.25	43.69	558.94	211.40	872.81	347.54
1987	I	7.34	2.68	12.73	22.75	95.20	72.45	2.28	74.73	0.00	10.30	74.73
	II	13.75	17.81	18.90	50.46	136.59	86.13	5.05	91.18	0.00	12.30	91.18
	III	1057.86	1109.18	1189.80	3356.84	6391.70	3034.86	335.68	3370.54	225.64	672.34	3144.90
1988	I	270.58	532.18	916.88	1719.64	2831.30	1111.66	171.96	1283.62	13.82	215.62	1269.80
	II	40.25	63.59	537.09	640.93	765.70	124.77	64.09	188.86	0.00	21.20	188.86
	III	225.34	225.09	514.97	965.40	1313.72	348.32	96.54	444.86	42.59	85.09	402.27
1989	I	51.07	25.72	42.86	119.65	75.62	-44.03	11.97	-32.07	1.77	22.19	-33.84
	II	131.85	114.24	577.90	823.99	2679.22	1855.23	82.40	1937.63	72.56	230.16	1865.07
	III	106.05	167.00	466.45	739.50	1598.36	858.86	73.95	932.81	129.18	253.45	803.63
1990	I	62.67	224.48	593.43	880.58	1821.51	940.93	88.06	1028.99	345.51	435.81	683.48
	II	112.69	265.36	374.48	752.53	859.89	107.36	75.25	182.61	33.75	70.97	148.86
	III	432.00	786.68	648.27	1866.95	2136.90	269.95	186.70	456.65	66.90	127.18	389.75
1991	I	139.94	292.50	751.37	1183.81	2388.80	1204.99	118.38	1323.37	85.18	338.24	1238.19
	II	161.02	306.09	1299.65	1766.76	1453.75	-313.01	176.68	-136.33	21.04	139.65	-157.37
	III	622.72	716.81	1842.00	3181.53	7332.72	4151.19	318.15	4469.34	1411.10	2204.85	3058.24
1992	I	22.68	36.08	507.57	566.33	1026.18	459.85	56.63	516.48	8.90	42.46	507.58
	II	189.25	724.13	1281.62	2195.00	2758.43	563.43	219.50	782.93	33.27	206.47	749.66
	III	48.00	197.00	589.09	834.09	1273.10	439.01	83.41	522.42	82.14	103.18	440.28
1993	I	970.11	795.22	1260.91	3026.24	3396.45	370.21	302.62	672.83	145.26	644.38	527.57
	II	170.51	123.25	245.66	539.42	507.65	-31.77	53.94	22.17	120.45	88.30	-66.13
	III	66.52	53.52	148.56	268.60	496.35	227.75	26.86	254.61	72.37	110.78	182.24
1994	I	1338.34	988.18	2388.01	4714.53	4750.41	35.88	471.45	507.33	252.88	1495.14	254.45
	II	869.73	389.87	1128.22	2387.82	2673.11	285.29	238.78	524.07	404.30	1084.86	119.77
	III	947.40	674.86	1904.16	3526.42	3417.18	-109.24	352.64	243.40	127.09	447.70	116.31
1995	I	17.69	21.09	1267.18	1305.96	2525.56	1219.60	130.60	1350.20	113.63	421.78	1236.57
	II	12.51	8.95	290.24	311.70	483.16	171.46	31.17	202.63	20.38	40.83	182.25
	III	250.48	288.67	1504.34	2043.49	3075.04	1031.55	204.35	1235.90	225.840	605.07	1010.06
1996	I	173.90	268.70	905.10	1347.70	2055.00	707.30	134.77	842.07	201.82	378.80	640.25
	II	249.90	1126.00	582.50	1958.40	1419.00	-539.40	195.84	-343.56	222.97	524.60	-566.53
	III	206.40	3750.00	7078.00	11034.40	19099.00	8064.60	1103.44	9168.04	2403.00	5259.00	6765.04
	I	591.80	263.80	1063.00	1918.60	2093.00	174.40	191.86	366.26	146.06	942.70	220.20

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1997	II	47.24	43.62	144.20	235.06	432.10	197.04	23.51	220.55	60.30	77.14	160.25
	III	769.10	512.70	956.50	2238.30	1490.00	-748.30	223.83	-524.47	91.78	219.80	-616.25
1998	I	146.90	117.70	404.40	669.00	548.10	-120.90	66.90	-54.00	44.14	87.99	-98.14
	II	160.00	173.90	656.20	990.10	904.50	-85.60	99.01	13.41	13.65	34.02	-0.24
	III	66.30	65.70	136.00	268.00	391.10	123.10	26.80	149.90	29.86	48.10	120.04
1999	I	132.00	247.00	874.70	1253.70	2054.00	800.30	125.37	925.67	120.76	231.70	804.91
	II	110.80	190.20	759.50	1060.50	1383.00	322.50	106.05	428.55	91.25	158.60	337.30
	III	44.05	73.23	246.70	363.98	555.00	191.02	36.40	227.42	108.93	140.50	118.49
2000	I	29.10	45.42	219.00	293.52	298.40	4.88	29.35	34.23	0.00	13.73	34.23
	II	42.18	44.86	294.10	381.14	399.20	18.06	38.11	56.17	0.00	36.49	56.17
	III	35.42	47.60	491.20	574.22	587.10	12.88	57.42	70.30	0.00	24.30	70.30
2001	I	28.17	61.76	218.50	308.43	333.50	25.07	30.84	55.91	10.12	22.22	45.79
	II	1278.00	646.30	299.30	2223.60	4598.00	2374.40	222.36	2596.76	123.73	469.90	2473.03
	III	45.94	67.91	280.40	394.25	656.00	261.75	39.43	301.18	28.04	96.93	273.13
2002	I	29.45	86.87	184.60	300.92	289.10	-11.82	30.09	18.27	59.46	116.60	-41.19
	II	19.85	20.07	188.60	228.52	407.90	179.38	22.85	202.23	0.89	68.91	201.34
	III	18.81	18.38	147.40	184.59	134.50	-50.09	18.46	-31.63	0.00	27.73	-31.63
2003	I	27.18	11.64	235.60	274.42	279.30	4.88	27.44	32.32	1.72	25.60	30.60
	II	93.70	127.50	718.40	939.60	1160.00	220.40	93.96	314.36	41.24	107.60	273.12
	III	72.33	68.13	309.30	449.76	345.70	-104.06	44.98	-59.08	42.66	59.60	-101.75
2004	I	209.73	248.99	653.09	1111.81	1046.08	-65.73	111.18	45.45	18.22	161.32	27.23
	II	138.75	256.66	2028.91	2424.32	4532.50	2108.18	242.43	2350.61	346.79	1474.82	2003.82
	III	23.76	717.43	2182.20	2923.39	5617.13	2693.74	292.34	2986.08	177.86	2061.34	2808.22

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF JUIY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	29.72	95.81	286.17	411.70	1972.97	1561.27	41.17	1602.44	50.310	65.57	1552.13
	II	12.69	24.74	208.76	246.19	601.27	355.08	24.62	379.70	55.02	73.76	324.68
	III	210.54	154.90	389.27	754.71	1772.93	1018.22	75.47	1093.69	134.13	126.54	967.15
1978	I	32.06	177.10	664.70	873.86	1237.81	363.95	87.39	451.34	0.00	36.00	451.34
	II	41.45	112.69	489.56	643.70	901.28	257.58	64.37	321.95	0.00	0.00	321.95
	III	107.30	188.04	378.81	674.15	725.18	51.03	67.42	118.45	7.14	6.87	111.58
1979	I	30.81	3.82	3.69	38.32	69.48	31.16	3.83	34.99	14.37	2.66	32.33
	II	33.30	8.91	371.42	413.63	2886.55	2472.92	41.36	2514.28	138.44	75.97	2438.31
	III	20.67	8.75	150.15	179.57	420.56	240.99	17.96	258.95	7.26	4.11	254.84
1980	I	60.20	30.92	223.97	315.09	600.59	285.50	31.51	317.01	0.00	0.00	317.01
	II	17.41	6.35	228.13	251.89	367.35	115.46	25.19	140.65	0.00	0.00	140.65
	III	55.55	133.52	294.49	483.56	509.79	26.23	48.36	74.59	0.00	0.00	74.59
1981	I	86.53	52.76	120.63	259.92	169.79	-90.13	25.99	-64.14	0.00	7.72	-64.14
	II	22.94	13.38	233.34	269.66	1365.61	1095.95	26.97	1122.92	0.00	25.32	1122.92
	III	52.37	32.68	1064.06	1149.11	3036.40	1887.29	114.91	2002.20	151.28	87.98	1914.22
1982	I	0.00	0.00	1.79	1.79	17.20	15.41	0.18	15.59	38.20	75.36	-22.61
	II	32.35	12.27	2.49	47.11	148.61	101.50	4.71	106.21	70.79	662.59	35.42
	III	119.75	90.66	278.28	488.69	1149.15	660.46	48.87	709.33	260.73	685.36	448.60
1983	I	36.43	40.48	149.00	225.91	443.40	217.49	22.59	240.08	4.61	18.17	235.47
	II	23.18	80.85	52.13	156.16	365.72	209.56	15.62	225.18	5.10	41.84	220.08
	III	46.32	121.03	324.25	491.60	955.83	464.23	49.16	513.39	12.66	34.21	500.73
1984	I	88.20	44.17	27.69	160.06	358.67	198.61	16.01	214.62	54.45	48.62	166.00
	II	26.48	10.59	27.53	64.60	179.68	115.08	6.46	121.54	0.85	6.85	120.69
	III	6.83	7.69	23.85	38.37	95.99	57.62	3.84	61.46	0.00	6.07	61.46
1985	I	0.00	0.00	3.90	3.90	18.84	14.94	0.39	15.33	0.00	9.04	15.33
	II	0.00	0.00	13.31	13.31	9.10	-4.21	1.33	-2.88	1.16	24.97	-4.04
	III	0.73	0.95	59.17	60.85	361.03	300.18	6.09	306.27	54.83	72.53	251.44

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1986	I	75.13	242.77	252.77	570.67	690.45	119.78	57.07	176.85	21.18	74.09	155.67
	II	209.14	246.11	508.40	963.65	1126.01	162.36	96.37	258.73	29.79	57.82	228.94
	III	1838.20	2437.10	3557.20	7832.50	1458.36	-6374.14	783.25	-5590.89	629.21	1773.55	-6220.10
1987	I	64.66	149.32	66.97	280.95	262.70	-18.25	28.10	9.85	18.04	44.51	-8.20
	II	31.06	57.63	109.25	197.94	345.34	147.40	19.79	167.19	0.30	10.50	166.89
	III	5.20	23.22	23.80	52.22	123.68	71.46	5.22	76.68	35.71	41.81	40.97
1988	I	28.70	62.88	369.50	461.08	643.92	182.84	46.11	228.95	2.01	54.05	226.94
	II	143.86	217.31	662.73	1023.90	1146.27	122.37	102.39	224.76	24.41	45.89	200.35
	III	62.18	280.75	1201.84	1544.77	1658.81	114.04	154.48	268.52	70.56	91.28	197.96
1989	I	46.53	18.28	29.58	94.39	122.60	28.21	9.44	37.65	29.10	94.24	8.55
	II	14.05	6.73	29.70	50.48	125.31	74.83	5.05	79.88	0.00	60.41	79.88
	III	11.36	1.83	66.50	79.69	157.18	77.49	7.97	85.46	19.39	99.18	66.07
1990	I	82.46	241.02	512.62	836.10	1604.29	768.19	83.61	851.80	30.24	179.24	821.56
	II	43.51	83.67	361.15	488.33	733.74	245.41	48.83	294.24	20.50	73.95	273.74
	III	96.09	93.60	257.72	447.41	560.36	112.95	44.74	157.69	4.78	20.53	152.91
1991	I	3.93	1.32	0.91	6.16	10.85	4.69	0.62	5.31	0.00	38.00	5.31
	II	16.60	11.21	6.66	34.47	38.31	3.84	3.45	7.29	3.54	51.52	3.75
	III	361.72	301.69	1664.14	2327.55	3536.00	1208.45	232.76	1441.21	222.70	467.46	1218.51
1992	I	0.50	0.00	0.00	0.50	31.24	30.74	0.05	30.79	81.58	94.25	-50.79
	II	13.20	25.74	71.65	110.59	182.23	71.64	11.06	82.70	26.96	38.24	55.74
	III	24.05	41.12	325.70	390.87	1119.09	728.22	39.09	767.31	129.50	141.67	637.81
1993	I	48.36	19.84	211.06	279.26	335.92	56.66	27.93	84.59	64.16	122.87	20.43
	II	619.28	530.17	449.56	1599.01	1972.54	373.53	159.90	533.43	154.28	232.54	379.15
	III	113.95	74.12	50.71	238.78	401.35	162.57	23.88	186.45	59.37	37.05	149.40
1994	I	245.13	36.06	643.55	924.74	2624.09	1699.35	92.47	1791.82	479.20	1190.14	1312.62
	II	330.53	248.79	1237.62	1816.94	1035.55	-781.39	181.69	-599.70	123.29	89.77	-689.47
	III	138.69	159.79	1394.18	1692.66	2135.64	442.98	169.27	612.25	203.56	287.04	408.69
1995	I	0.00	0.00	0.00	0.00	108.96	108.96	0.00	108.96	62.38	123.02	46.58
	II	13.11	0.00	121.16	134.27	253.72	119.45	13.43	132.88	26.67	73.30	106.21
	III	135.25	36.32	811.03	982.60	1255.02	272.42	98.26	370.68	124.220	315.64	246.46
1996	I	0	0.00	0.00	0.00	65.87	65.87	0.00	65.87	62.42	78.71	3.45
	II	0	18.83	12.43	31.26	159.10	127.84	3.13	130.97	26.67	129.90	104.30
	III	1401	1376.00	2255.00	5032.00	3841.00	-1191.00	503.20	-687.80	122.16	815.10	-809.96
1997	I	18.27	0.00	86.27	104.54	327.60	223.06	10.45	233.51	85.61	361.30	147.90
	II	17.36	7.59	94.55	119.50	262.30	142.80	11.95	154.75	82.71	203.00	72.04

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
	III	423	175.90	259.00	857.90	641.00	-216.90	85.79	-131.11	171.35	134.40	-265.51
1998	I	9.42	3.34	52.87	65.63	127.70	62.07	6.56	68.63	213.11	17.39	51.24
	II	816.6	414.40	796.30	2027.30	1827.00	-200.30	202.73	2.43	124.68	485.00	-122.25
	III	24.45	26.24	90.75	141.44	267.40	125.96	14.14	140.10	64.83	97.67	75.27
1999	I	15.75	0.00	0.00	15.75	77.74	61.99	1.58	63.57	14.01	161.40	49.55
	II	14.96	2.62	12.09	29.67	154.30	124.63	2.97	127.60	70.85	182.10	56.75
	III	844	1035.00	1729.00	3608.00	5120.00	1512.00	360.80	1872.80	63.79	1947.00	1809.01
2000	I	13.9	0.00	17.92	31.82	55.71	23.89	3.18	27.07	113.58	35.39	-8.32
	II	100.1	181.30	626.50	907.90	821.70	-86.20	90.79	4.59	131.30	120.80	-116.21
	III	129.8	377.90	3027.00	3534.70	5644.00	2109.30	353.47	2462.77	287.15	1330.00	2175.62
2001	I	332.6	152.90	1998.00	2483.50	5661.00	3177.50	248.35	3425.85	23.09	1078.00	3402.76
	II	55.99	147.40	1112.00	1315.39	2375.00	1059.61	131.54	1191.15	76.02	329.30	1115.13
	III	76.47	173.30	1320.00	1569.77	1682.00	112.23	156.98	269.21	269.14	44.53	224.68
2002	I	8.18	0.00	19.58	27.76	35.92	8.16	2.78	10.94	381.59	33.37	-22.43
	II	0.53	0.00	15.42	15.95	3.64	-12.31	1.60	-10.72	61.53	4.72	-15.44
	III	0	0.87	12.61	13.48	3.70	-9.78	1.35	-8.43	13.26	11.42	-19.85
2003	I	29.72	10.70	148.40	188.82	86.13	-102.69	18.88	-83.81	0.00	33.25	-83.81
	II	22.37	26.76	302.40	351.53	240.70	-110.83	35.15	-75.68	0.00	58.03	-75.68
	III	155	82.17	486.00	723.17	677.10	-46.07	72.32	26.25	0.00	92.95	26.25
2004	I	219.77	0.00	61.38	281.15	71.38	-209.77	28.12	-181.66	4.85	29.40	-186.51
	II	59.49	3.63	20.24	83.36	32.65	-50.71	8.34	-42.37	21.63	77.35	-64.00
	III	19.62	36.02	15.83	71.47	29.18	-42.29	7.15	-35.14	26.76	36.32	-61.90

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF JUN

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	0.00	0.00	7.16	7.16	64.22	57.06	0.72	57.78	68.693	55.19	2.59
	II	0.00	0.00	9.73	9.73	76.95	67.22	0.97	68.19	58.24	50.11	18.08
	III	27.69	31.10	48.30	107.09	293.07	185.98	10.71	196.69	28.92	29.53	167.77
1978	I	0.00	0.05	0.74	0.79	67.02	66.23	0.08	66.31	56.04	36.00	30.31
	II	3.88	3.23	12.33	19.44	66.03	46.59	1.94	48.53	4.69	1.75	46.78
	III	19.90	80.76	137.31	237.97	598.24	360.27	23.80	384.07	2.20	0.00	384.07
1979	I	0.02	0.05	0.58	0.65	55.19	54.54	0.07	54.61	65.05	43.45	11.16
	II	0.00	0.00	0.69	0.69	59.69	59.00	0.07	59.07	3.53	5.85	55.54
	III	42.27	3.60	2.60	48.47	89.96	41.49	4.85	46.34	21.85	25.06	24.49
1980	I	0.00	0.00	0.28	0.28	58.18	57.90	0.03	57.93	47.66	60.33	10.27
	II	37.25	0.00	0.29	37.54	60.52	22.98	3.75	26.73	2.86	8.83	23.87
	III	86.39	207.33	352.72	646.44	551.96	-94.48	64.64	-29.84	1.10	1.86	-30.94
1981	I	0.00	0.00	0.30	0.30	13.21	12.91	0.03	12.94	9.71	10.13	3.23
	II	0.00	0.00	0.22	0.22	6.28	6.06	0.02	6.08	0.00	5.97	6.08
	III	13.06	17.50	1.74	32.30	42.00	9.70	3.23	12.93	0.00	8.50	12.93
1982	I	0.00	0.00	0.29	0.29	14.61	14.32	0.03	14.35	0.00	3.93	14.35
	II	1.48	0.00	0.15	1.63	7.71	6.08	0.16	6.24	0.00	1.93	6.24
	III	0.38	0.00	1.88	2.26	14.24	11.98	0.23	12.21	3.67	6.45	8.54
1983	I	0.00	0.00	0.69	0.69	4.29	3.60	0.07	3.67	0.00	3.51	3.67
	II	4.77	0.44	1.45	6.66	16.89	10.23	0.67	10.90	0.00	4.14	10.90
	III	1.35	10.22	0.76	12.33	20.50	8.17	1.23	9.40	16.42	7.10	2.30
1984	I	0.00	0.00	0.56	0.56	8.52	7.96	0.06	8.02	0.00	12.90	8.02
	II	4.92	4.16	54.04	63.12	65.84	2.72	6.31	9.03	0.00	3.51	9.03
	III	1.16	1.42	7.13	9.71	52.34	42.63	0.97	43.60	0.00	2.44	43.60
1985	I	0.00	0.00	2.56	2.56	46.48	43.92	0.26	44.18	7.05	14.07	37.13
	II	0.00	0.00	0.71	0.71	13.86	13.15	0.07	13.22	0.63	12.62	12.59
	III	0.00	0.00	6.88	6.88	13.38	6.50	0.69	7.19	1.98	10.20	5.21

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1986	I	0.00	0.00	2.41	2.41	21.43	19.02	0.24	19.26	0.00	5.44	19.26
	II	0.00	0.00	1.10	1.10	16.34	15.24	0.11	15.35	17.51	21.52	-2.16
	III	98.53	84.55	172.79	355.87	485.18	129.31	35.59	164.90	1.49	16.06	163.41
1987	I	0.00	0.00	0.80	0.80	36.52	35.72	0.08	35.80	14.71	38.40	21.09
	II	0.57	0.00	0.97	1.54	77.26	75.72	0.15	75.87	2.40	24.24	73.47
	III	1.49	0.00	10.45	11.94	38.22	26.28	1.19	27.47	0.00	7.90	27.47
1988	I	0.00	0.00	0.57	0.57	7.08	6.51	0.06	6.57	0.00	5.27	6.57
	II	2.17	0.00	20.00	22.17	24.52	2.35	2.22	4.57	0.00	11.75	4.57
	III	27.38	21.41	268.51	317.30	293.29	-24.01	31.73	7.72	35.27	45.58	-27.55
1989	I	0.00	0.00	0.00	0.00	7.22	7.22	0.00	7.22	0.00	8.71	7.22
	II	3.10	0.00	4.80	7.90	1.19	-6.71	0.79	-5.92	7.04	24.56	-12.96
	III	1.71	1.71	14.60	18.02	79.50	61.48	1.80	63.28	1.20	44.37	62.08
1990	I	0.00	0.00	1.25	1.25	13.94	12.69	0.13	12.82	0.00	11.25	12.82
	II	6.77	0.00	0.63	7.40	8.74	1.34	0.74	2.08	0.00	10.53	2.08
	III	10.36	56.20	494.50	561.06	574.98	13.92	56.11	70.03	0.00	40.22	70.03
1991	I	0.00	0.00	0.11	0.11	44.71	44.60	0.01	44.61	56.43	113.44	-11.82
	II	10.28	0.00	1.40	11.68	16.81	5.13	1.17	6.30	0.00	24.52	6.30
	III	11.36	9.50	1.20	22.06	13.23	-8.83	2.21	-6.62	1.35	19.66	-7.97
1992	I	0.00	0.00	0.00	0.00	14.29	14.29	0.00	14.29	74.25	122.97	-59.96
	II	0.00	0.00	0.00	0.00	43.08	43.08	0.00	43.08	117.21	168.97	-74.13
	III	0.00	0.00	0.00	0.00	45.64	45.64	0.00	45.64	15.31	24.06	30.33
1993	I	0.00	0.00	0.00	0.00	14.56	14.56	0.00	14.56	18.25	10.44	4.12
	II	11.36	0.00	2.54	13.90	21.20	7.30	1.39	8.69	2.99	18.17	5.70
	III	27.27	14.39	42.64	84.30	391.54	307.24	8.43	315.67	78.87	108.41	236.80
1994	I	0.00	0.00	0.00	0.00	8.54	8.54	0.00	8.54	0.00	9.88	8.54
	II	2.28	19.57	0.00	21.85	23.21	1.36	2.19	3.55	0.00	5.78	3.55
	III	93.98	15.71	183.24	292.93	256.22	-36.71	29.29	-7.42	38.97	48.44	-46.39
1995	I	0.00	0.00	0.00	0.00	27.76	27.76	0.00	27.76	118.21	37.80	-10.04
	II	0.00	6.00	0.00	6.00	57.52	51.52	0.60	52.12	87.22	98.76	-35.10
	III	0.00	0.00	0.00	0.00	43.25	43.25	0.00	43.25	82.956	80.99	-37.74
1996	I	0.00	0.00	0.00	0.00	74.53	74.53	0.00	74.53	76.60	84.47	-2.07
	II	0.00	0.00	0.00	0.00	77.73	77.73	0.00	77.73	41.56	64.14	36.17
	III	0.00	0.00	0.00	0.00	44.04	44.04	0.00	44.04	35.63	45.61	8.41
1997	I	0.00	0.00	0.00	0.00	105.90	105.90	0.00	105.90	75.57	118.70	30.33
	II	0.00	0.00	0.00	0.00	146.20	146.20	0.00	146.20	118.65	192.20	27.55
	III	0.00	0.00	0.00	0.00	132.20	132.20	0.00	132.20	108.04	136.20	24.16

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1998	I	0.00	0.00	0.00	0.00	90.24	90.24	0.00	90.24	120.70	230.80	-30.46
	II	12.44	4.68	10.98	28.10	43.85	15.75	2.81	18.56	33.83	101.40	-15.27
	III	10.60	1.68	8.63	20.91	74.40	53.49	2.09	55.58	99.99	169.20	-44.40
1999	I	0.00	0.00	0.00	0.00	58.03	58.03	0.00	58.03	69.51	53.94	4.09
	II	9.73	0.00	0.00	9.73	83.87	74.14	0.97	75.11	98.97	77.48	-2.37
	III	36.31	0.00	19.62	55.93	122.00	66.07	5.59	71.66	74.85	88.20	-3.18
2000	I	0.00	0.00	26.30	26.30	58.87	32.57	2.63	35.20	2.40	32.15	32.80
	II	6.46	0.00	24.85	31.31	29.19	-2.12	3.13	1.01	22.63	36.14	-21.62
	III	1.46	0.00	21.82	23.28	18.37	-4.91	2.33	-2.58	1.18	19.08	-3.76
2001	I	0.00	0.00	73.89	73.89	0.56	-73.33	7.39	-65.94	0.00	1.52	-65.94
	II	224.40	136.70	163.50	524.60	226.30	-298.30	52.46	-245.84	30.43	77.63	-276.27
	III	24.69	74.66	316.00	415.35	373.90	-41.45	41.54	0.08	0.00	43.81	0.08
2002	I	0.00	0.00	14.21	14.21	0.00	-14.21	1.42	-12.79	0.00	15.49	-12.79
	II	0.00	0.00	13.46	13.46	0.00	-13.46	1.35	-12.11	0.00	18.32	-12.11
	III	7.49	0.00	13.42	20.91	16.32	-4.59	2.09	-2.50	6.93	47.40	-9.43
2003	I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
	III	4.65	0.00	41.26	45.91	13.41	-32.50	4.59	-27.91	18.92	59.79	-46.83
2004	I	0.00	0.00	0.83	0.83	0.13	-0.70	0.08	-0.62	0.00	0.67	-0.62
	II	0.00	0.00	12.48	12.48	8.34	-4.14	1.25	-2.89	0.00	0.84	-2.89
	III	1.21	0.00	39.10	40.31	42.34	2.03	4.03	6.06	0.00	1.14	6.06

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF MAY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	0.47	0.04	12.55	13.06	59.98	46.92	1.31	48.23	59.380	75.67	-11.15
	II	0.00	0.03	8.61	8.64	115.75	107.11	0.86	107.97	179.48	211.42	-71.51
	III	0.00	0.00	7.61	7.61	152.81	145.20	0.76	145.96	85.75	137.43	60.21
1978	I	0.11	0.11	6.86	7.08	127.76	120.68	0.71	121.39	142.98	247.89	-21.59
	II	0.07	0.05	0.79	0.91	137.48	136.57	0.09	136.66	157.18	158.40	-20.52
	III	0.08	0.01	0.55	0.64	88.45	87.81	0.06	87.87	82.14	78.25	9.62
1979	I	0.21	0.30	1.33	1.84	63.20	61.36	0.18	61.54	85.35	54.58	6.96
	II	0.09	0.11	1.07	1.27	66.59	65.32	0.13	65.45	76.74	129.78	-11.29
	III	0.04	0.07	4.32	4.43	56.19	51.76	0.44	52.20	25.47	30.06	26.73
1980	I	0.00	0.00	1.25	1.25	45.87	44.62	0.13	44.75	25.65	27.76	19.10
	II	0.00	0.00	0.45	0.45	28.98	28.53	0.05	28.58	12.54	12.38	16.20
	III	0.00	0.00	0.28	0.28	32.74	32.46	0.03	32.49	30.78	38.53	1.71
1981	I	0.00	0.00	0.61	0.61	18.78	18.17	0.06	18.23	2.05	2.44	16.18
	II	0.00	0.00	0.62	0.62	11.82	11.20	0.06	11.26	14.74	20.16	-3.48
	III	0.00	0.00	0.22	0.22	8.77	8.55	0.02	8.57	10.73	22.82	-2.16
1982	I	0.00	0.00	7.80	7.80	38.04	30.24	0.78	31.02	27.65	32.95	3.37
	II	0.00	0.00	2.07	2.07	32.83	30.76	0.21	30.97	24.78	20.67	10.30
	III	0.00	0.00	0.88	0.88	62.60	61.72	0.09	61.81	42.07	76.49	19.74
1983	I	0.00	0.04	1.49	1.53	11.43	9.90	0.15	10.05	45.16	3.35	6.70
	II	0.00	0.00	0.89	0.89	10.91	10.02	0.09	10.11	0.00	3.40	10.11
	III	0.00	0.00	1.23	1.23	15.21	13.98	0.12	14.10	0.00	4.21	14.10
1984	I	0.00	0.00	2.47	2.47	18.55	16.08	0.25	16.33	0.00	7.80	16.33
	II	0.00	0.00	1.97	1.97	14.67	12.70	0.20	12.90	0.00	4.63	12.90
	III	0.00	0.00	1.17	1.17	6.73	5.56	0.12	5.68	8.63	4.93	0.75
1985	I	0.00	0.00	3.29	3.29	118.43	115.14	0.33	115.47	79.67	130.72	35.80
	II	0.00	0.00	2.23	2.23	111.59	109.36	0.22	109.58	70.74	27.00	82.58

FOR THE MONTH OF MAY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
	III	0.00	0.00	0.94	0.94	116.41	115.47	0.09	115.56	151.73	105.18	10.38
1986	I	0.00	0.13	14.77	14.90	13.75	-1.15	1.49	0.34	0.00	7.20	0.34
	II	0.00	0.00	7.72	7.72	12.26	4.54	0.77	5.31	0.00	8.41	5.31
	III	0.00	0.00	2.50	2.50	13.61	11.11	0.25	11.36	0.00	4.93	11.36
1987	I	0.00	0.00	1.33	1.33	51.43	50.10	0.13	50.23	0.00	62.27	50.23
	II	0.00	0.00	1.34	1.34	12.38	11.04	0.13	11.17	0.00	9.47	11.17
	III	0.00	0.00	0.38	0.38	13.03	12.65	0.04	12.69	19.08	6.58	6.11
1988	I	0.00	0.00	1.23	1.23	13.32	12.09	0.12	12.21	0.00	4.56	12.21
	II	0.00	0.00	1.89	1.89	10.54	8.65	0.19	8.84	0.00	4.56	8.84
	III	0.00	0.00	0.96	0.96	10.28	9.32	0.10	9.42	0.00	6.03	9.42
1989	I	0.00	0.00	1.86	1.86	12.79	10.93	0.19	11.12	0.00	4.92	11.12
	II	0.00	0.00	0.77	0.77	10.01	9.24	0.08	9.32	0.00	4.20	9.32
	III	0.00	0.00	0.08	0.08	9.82	9.74	0.01	9.75	0.00	5.94	9.75
1990	I	0.00	0.00	1.61	1.61	8.72	7.11	0.16	7.27	0.00	6.96	7.27
	II	0.00	0.00	1.12	1.12	8.16	7.04	0.11	7.15	0.00	9.74	7.15
	III	0.00	0.00	0.73	0.73	6.80	6.07	0.07	6.14	0.00	10.66	6.14
1991	I	0.00	0.00	1.46	1.46	14.25	12.79	0.15	12.94	0.00	20.35	12.94
	II	0.00	0.00	0.92	0.92	11.69	10.77	0.09	10.86	0.00	13.75	10.86
	III	0.00	0.00	0.53	0.53	10.75	10.22	0.05	10.27	4.34	29.47	5.93
1992	I	0.00	0.00	0.00	0.00	16.62	16.62	0.00	16.62	0.00	20.89	16.62
	II	0.19	0.00	0.00	0.19	15.14	14.95	0.02	14.97	0.00	24.25	14.97
	III	0.00	0.00	0.00	0.00	13.41	13.41	0.00	13.41	3.50	11.00	9.91
1993	I	0.00	0.00	0.00	0.00	17.78	17.78	0.00	17.78	0.00	12.38	17.78
	II	0.00	0.00	0.00	0.00	13.02	13.02	0.00	13.02	0.00	5.51	13.02
	III	0.00	0.00	0.00	0.00	10.10	10.10	0.00	10.10	3.25	5.18	6.85
1994	I	0.00	0.00	0.00	0.00	20.08	20.08	0.00	20.08	0.00	8.25	20.08
	II	0.00	0.00	0.00	0.00	14.73	14.73	0.00	14.73	0.00	6.40	14.73
	III	0.00	0.00	0.00	0.00	11.92	11.92	0.00	11.92	0.00	3.85	11.92
1995	I	0.00	0.00	0.00	0.00	23.37	23.37	0.00	23.37	30.55	72.23	-7.18
	II	0.00	0.00	0.00	0.00	31.19	31.19	0.00	31.19	25.72	40.23	5.47
	III	0.00	0.00	0.00	0.00	24.32	24.32	0.00	24.32	24.900	34.36	-0.58
	I	0.00	0.00	0.00	0.00	86.35	86.35	0.00	86.35	129.42	133.30	-43.07

FOR THE MONTH OF MAY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1996	II	0.00	0.00	0.00	0.00	83.31	83.31	0.00	83.31	71.36	92.58	11.95
	III	0.00	0.00	0.00	0.00	62.87	62.87	0.00	62.87	59.37	42.94	19.93
1997	I	0.00	0.00	0.00	0.00	81.44	81.44	0.00	81.44	18.76	106.70	62.68
	II	0.00	0.00	0.00	0.00	76.78	76.78	0.00	76.78	100.78	104.40	-24.00
	III	0.00	0.00	0.00	0.00	58.66	58.66	0.00	58.66	19.89	65.81	38.77
1998	I	0.00	0.87	3.48	4.35	80.99	76.64	0.44	77.08	0.00	145.40	77.08
	II	0.00	0.16	0.00	0.16	95.96	95.80	0.02	95.82	9.40	254.20	86.42
	III	0.00	0.00	0.00	0.00	99.57	99.57	0.00	99.57	20.04	246.10	79.53
1999	I	0.00	0.00	0.00	0.00	56.94	56.94	0.00	56.94	75.23	102.90	-18.29
	II	0.00	0.00	0.00	0.00	23.79	23.79	0.00	23.79	42.84	62.47	-19.05
	III	0.00	0.00	0.00	0.00	11.39	11.39	0.00	11.39	26.39	55.73	-15.00
2000	I	0.00	0.00	15.67	15.67	14.47	-1.20	1.57	0.37	1.80	12.04	-1.43
	II	0.00	0.00	15.49	15.49	16.00	0.51	1.55	2.06	0.00	7.50	2.06
	III	0.00	0.00	16.75	16.75	19.18	2.43	1.68	4.11	10.53	28.62	-6.42
2001	I	0.00	0.00	20.52	20.52	0.10	-20.42	2.05	-18.37	0.00	1.12	-18.37
	II	0.00	0.00	18.20	18.20	0.21	-17.99	1.82	-16.17	0.00	0.95	-16.17
	III	0.00	0.00	59.27	59.27	2.03	-57.24	5.93	-51.31	0.00	1.61	-51.31
2002	I	0.00	0.00	22.51	22.51	0.13	-22.38	2.25	-20.13	0.00	2.01	-20.13
	II	0.00	0.00	21.30	21.30	0.00	-21.30	2.13	-19.17	0.00	2.60	-19.17
	III	0.00	0.00	16.69	16.69	0.00	-16.69	1.67	-15.02	0.00	2.58	-15.02
2003	I	0.00	0.00	15.01	15.01	0.00	-15.01	1.50	-13.51	0.00	0.00	-13.51
	II	0.00	0.00	1.27	1.27	0.00	-1.27	0.13	-1.14	0.00	0.00	-1.14
	III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	I	0.00	0.00	18.17	18.17	0.38	-17.79	1.82	-15.97	41.74	0.71	-16.68
	II	0.00	0.00	13.48	13.48	0.70	-12.78	1.35	-11.43	26.88	0.77	-12.20
	III	0.00	0.00	8.89	8.89	0.52	-8.37	0.89	-7.48	128.34	0.70	-8.18

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF APRIL

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	1.51	0.12	13.11	14.74	216.06	201.32	1.47	202.79	26.006	121.82	176.79
	II	0.97	0.07	12.35	13.39	280.64	267.25	1.34	268.59	30.15	135.50	238.44
	III	0.65	0.05	11.72	12.42	205.30	192.88	1.24	194.12	16.01	181.94	178.12
1978	I	0.58	0.47	9.72	10.77	144.56	133.79	1.08	134.87	14.33	187.26	120.54
	II	0.26	0.23	7.54	8.03	123.39	115.36	0.80	116.16	10.52	96.58	105.64
	III	0.13	0.18	6.96	7.27	81.41	74.14	0.73	74.87	8.04	97.36	66.83
1979	I	1.92	1.63	8.01	11.56	95.45	83.89	1.16	85.05	8.81	76.90	76.24
	II	0.91	0.92	3.97	5.80	96.89	91.09	0.58	91.67	7.31	66.83	84.36
	III	0.51	0.42	1.59	2.52	137.90	135.38	0.25	135.63	14.15	99.97	121.48
1980	I	0.00	0.00	4.31	4.31	16.56	12.25	0.43	12.68	4.15	5.66	8.53
	II	0.00	0.00	4.03	4.03	37.05	33.02	0.40	33.42	0.88	10.09	32.54
	III	0.00	0.00	1.31	1.31	35.93	34.62	0.13	34.75	2.69	25.02	32.06
1981	I	0.00	0.00	1.65	1.65	12.62	10.97	0.17	11.14	0.00	1.16	11.14
	II	0.00	0.00	1.16	1.16	7.85	6.69	0.12	6.81	1.28	9.07	5.53
	III	0.00	0.00	0.93	0.93	30.81	29.88	0.09	29.97	1.23	16.26	28.74
1982	I	0.00	0.01	7.94	7.95	38.12	30.17	0.80	30.97	6.01	88.52	24.95
	II	0.00	0.00	12.59	12.59	40.79	28.20	1.26	29.46	3.68	50.84	25.78
	III	0.00	0.00	14.41	14.41	46.08	31.67	1.44	33.11	3.30	27.91	29.81
1983	I	0.00	0.04	14.74	14.78	13.42	-1.36	1.48	0.12	0.00	7.02	0.12
	II	0.00	0.04	13.74	13.78	18.46	4.68	1.38	6.06	0.00	11.08	6.06
	III	0.00	0.07	7.35	7.42	17.81	10.39	0.74	11.13	0.00	4.92	11.13
1984	I	0.00	0.42	8.79	9.21	30.22	21.01	0.92	21.93	0.00	8.47	21.93
	II	0.00	0.01	7.70	7.71	24.76	17.05	0.77	17.82	0.64	4.84	17.18
	III	0.00	0.00	4.84	4.84	22.02	17.18	0.48	17.66	0.78	26.20	16.88
1985	I	0.00	0.06	9.60	9.66	44.97	35.31	0.97	36.28	0.00	25.82	36.28
	II	0.00	0.00	8.14	8.14	23.79	15.65	0.81	16.46	6.51	77.27	9.95
	III	0.00	0.00	5.61	5.61	222.50	216.89	0.56	217.45	6.07	78.64	211.39

'OR THE MONTH OF APRIL

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1986	I	0.00	0.57	13.53	14.10	40.72	26.62	1.41	28.03	0.00	10.56	28.03
	II	0.00	0.31	7.66	7.97	24.22	16.25	0.80	17.05	0.00	9.27	17.05
	III	0.00	0.26	7.36	7.62	25.84	18.22	0.76	18.98	1.32	27.47	17.66
1987	I	0.00	0.00	10.97	10.97	41.39	30.42	1.10	31.52	0.00	14.90	31.52
	II	0.00	0.00	11.63	11.63	31.23	19.60	1.16	20.76	6.09	27.68	14.67
	III	0.00	0.00	8.40	8.40	107.97	99.57	0.84	100.41	15.42	161.69	84.99
1988	I	0.00	0.00	11.70	11.70	55.73	44.03	1.17	45.20	0.00	15.08	45.20
	II	0.00	0.00	4.97	4.97	30.00	25.03	0.50	25.53	0.00	9.35	25.53
	III	0.00	0.00	3.22	3.22	19.77	16.55	0.32	16.87	0.00	4.16	16.87
1989	I	0.00	0.00	11.26	11.26	72.57	61.31	1.13	62.44	0.00	25.08	62.44
	II	0.00	0.00	6.64	6.64	46.07	39.43	0.66	40.09	0.00	15.92	40.09
	III	0.00	0.00	2.45	2.45	20.32	17.87	0.25	18.12	0.00	7.43	18.12
1990	I	0.00	0.00	3.34	3.34	12.58	9.24	0.33	9.57	0.00	7.40	9.57
	II	0.00	0.00	3.11	3.11	11.47	8.36	0.31	8.67	0.00	6.65	8.67
	III	0.00	0.00	1.89	1.89	9.55	7.66	0.19	7.85	0.00	7.40	7.85
1991	I	0.00	0.00	21.14	21.14	60.73	39.59	2.11	41.70	0.00	90.17	41.70
	II	0.00	0.00	8.24	8.24	33.08	24.84	0.82	25.66	0.00	76.36	25.66
	III	0.00	0.00	4.16	4.16	18.95	14.79	0.42	15.21	0.00	53.60	15.21
1992	I	0.00	0.00	0.04	0.04	31.90	31.86	0.00	31.86	0.05	24.31	31.82
	II	0.00	0.00	0.00	0.00	17.33	17.33	0.00	17.33	0.00	7.61	17.33
	III	0.00	0.00	0.00	0.00	13.56	13.56	0.00	13.56	1.75	22.47	11.82
1993	I	0.00	0.00	1.89	1.89	60.33	58.44	0.19	58.63	0.00	69.09	58.63
	II	0.00	0.00	1.55	1.55	44.66	43.11	0.16	43.27	0.00	53.67	43.27
	III	0.00	0.00	0.39	0.39	30.51	30.12	0.04	30.16	0.00	30.24	30.16
1994	I	0.00	0.00	0.81	0.81	49.22	48.41	0.08	48.49	0.00	84.16	48.49
	II	0.00	0.00	0.45	0.45	40.35	39.90	0.05	39.95	0.00	34.33	39.95
	III	0.00	0.00	0.23	0.23	28.16	27.93	0.02	27.95	0.00	8.50	27.95
1995	I	0.00	0.00	3.18	3.18	82.65	79.47	0.32	79.79	0.54	18.30	79.25
	II	0.00	0.00	1.43	1.43	44.15	42.72	0.14	42.86	0.03	17.83	42.83
	III	0.00	0.00	0.00	0.00	28.50	28.50	0.00	28.50	2.896	36.57	25.60
1996	I	0.00	0.00	4.26	4.26	48.97	44.71	0.43	45.14	0.00	15.14	45.14
	II	0.00	0.00	2.44	2.44	29.75	27.31	0.24	27.55	58.48	55.81	-28.26
	III	0.00	0.00	0.00	0.00	43.82	43.82	0.00	43.82	106.05	157.00	-62.23

'OR THE MONTH OF APRIL

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1997	I	0.00	0.00	5.18	5.18	45.31	40.13	0.52	40.65	1.95	17.63	38.70
	II	0.00	0.00	0.00	0.00	43.27	43.27	0.00	43.27	43.77	40.36	2.91
	III	0.00	0.00	0.00	0.00	113.50	113.50	0.00	113.50	92.46	105.10	21.04
1998	I	0.00	1.81	5.92	7.73	48.11	40.38	0.77	41.15	20.84	17.63	23.52
	II	0.00	1.26	5.43	6.69	33.67	26.98	0.67	27.65	0.00	40.36	27.65
	III	0.00	0.83	4.90	5.73	70.64	64.91	0.57	65.48	0.00	105.10	65.48
1999	I	0.00	0.00	0.00	0.00	34.37	34.37	0.00	34.37	57.17	81.86	-22.80
	II	0.00	0.00	0.00	0.00	58.75	58.75	0.00	58.75	84.33	98.52	-25.58
	III	0.00	0.00	0.00	0.00	65.93	65.93	0.00	65.93	91.84	87.06	-21.13
2000	I	0.00	0.00	16.38	16.38	58.11	41.73	1.64	43.37	0.00	43.88	43.37
	II	0.00	0.00	16.38	16.38	40.23	23.85	1.64	25.49	8.09	24.61	17.40
	III	0.00	0.00	16.38	16.38	27.19	10.81	1.64	12.45	0.00	23.29	12.45
2001	I	0.00	0.00	36.39	36.39	0.11	-36.28	3.64	-32.64	0.00	1.92	-32.64
	II	0.00	0.00	24.25	24.25	0.07	-24.18	2.43	-21.76	0.00	1.92	-21.76
	III	0.00	0.00	21.84	21.84	0.12	-21.72	2.18	-19.54	0.00	1.83	-19.54
2002	I	0.00	0.00	17.06	17.06	2.95	-14.11	1.71	-12.40	0.00	3.91	-12.40
	II	0.00	0.00	18.33	18.33	1.50	-16.83	1.83	-15.00	0.00	3.10	-15.00
	III	0.00	0.00	21.01	21.01	0.58	-20.43	2.10	-18.33	0.00	2.66	-18.33
2003	I	0.00	0.00	18.49	18.49	0.06	-18.43	1.85	-16.58	0.00	0.13	-16.58
	II	0.00	0.00	18.02	18.02	0.00	-18.02	1.80	-16.22	0.00	0.06	-16.22
	III	0.00	0.00	16.71	16.71	0.00	-16.71	1.67	-15.04	0.00	0.00	-15.04
2004	I	0.00	0.00	27.14	27.14	2.42	-24.72	2.71	-22.01	20.42	2.19	-24.20
	II	0.00	0.00	25.37	25.37	2.02	-23.35	2.54	-20.81	94.51	1.27	-22.08
	III	0.00	0.00	22.96	22.96	0.63	-22.33	2.30	-20.03	35.66	0.86	-20.89

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF MARCH

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	3.22	0.66	12.72	16.60	61.89	45.29	1.66	46.95	37.76	41.80	9.19
	II	2.51	0.34	12.35	15.20	89.40	74.20	1.52	75.72	83.15	91.62	-7.43
	III	1.74	0.17	17.05	18.96	64.07	45.11	1.90	47.01	70.94	50.02	-3.01
1978	I	2.30	0.85	11.77	14.92	129.87	114.95	1.49	116.44	61.08	82.83	55.36
	II	1.12	0.54	10.30	11.96	94.12	82.16	1.20	83.36	44.30	73.48	39.05
	III	0.87	0.50	8.58	9.95	96.05	86.10	1.00	87.10	40.03	80.57	47.06
1979	I	3.97	4.08	17.38	25.43	82.18	56.75	2.54	59.29	15.75	19.74	43.54
	II	2.96	3.50	9.01	15.47	38.57	23.10	1.55	24.65	17.30	15.90	8.75
	III	2.73	2.23	5.34	10.30	119.59	109.29	1.03	110.32	86.99	49.44	60.88
1980	I	0.00	0.03	8.45	8.48	19.96	11.48	0.85	12.33	0.00	0.00	12.33
	II	0.00	0.00	7.61	7.61	25.64	18.03	0.76	18.79	0.00	0.00	18.79
	III	0.00	0.00	8.78	8.78	24.74	15.96	0.88	16.84	0.00	0.00	16.84
1981	I	0.00	0.00	9.59	9.59	16.71	7.12	0.96	8.08	0.00	1.77	8.08
	II	0.00	0.00	6.65	6.65	16.21	9.56	0.67	10.23	0.00	1.59	10.23
	III	0.00	0.00	4.83	4.83	16.17	11.34	0.48	11.82	0.00	1.47	11.82
1982	I	0.45	0.46	18.15	19.06	50.45	31.39	1.91	33.30	0.00	11.53	33.30
	II	0.26	0.12	16.72	17.10	26.79	9.69	1.71	11.40	0.00	6.43	11.40
	III	0.09	0.04	14.95	15.08	19.59	4.51	1.51	6.02	10.97	6.50	-0.48
1983	I	0.24	0.49	15.09	15.82	22.70	6.88	1.58	8.46	0.00	5.07	8.46
	II	0.06	0.25	15.51	15.82	16.05	0.23	1.58	1.81	0.00	5.73	1.81
	III	0.01	0.09	15.79	15.89	19.13	3.24	1.59	4.83	0.00	6.05	4.83
1984	I	1.04	1.79	11.43	14.26	26.73	12.47	1.43	13.90	0.00	10.89	13.90
	II	0.28	1.47	12.32	14.07	38.91	24.84	1.41	26.25	0.00	10.41	26.25
	III	0.01	0.89	13.04	13.94	36.00	22.06	1.39	23.45	0.00	9.51	23.45
1985	I	0.11	0.53	15.28	15.92	49.67	33.75	1.59	35.34	12.89	38.51	22.45
	II	0.00	0.46	16.31	16.77	46.83	30.06	1.68	31.74	10.66	18.95	21.07
	III	0.00	0.37	14.25	14.62	73.38	58.76	1.46	60.22	20.56	56.70	39.66
1986	I	1.08	2.04	17.88	21.00	47.30	26.30	2.10	28.40	0.00	13.15	28.40
	II	0.68	1.48	18.46	20.62	52.21	31.59	2.06	33.65	0.00	13.31	33.65
	III	0.10	0.91	18.79	19.80	52.22	32.42	1.98	34.40	0.00	13.27	34.40
1987	I	0.00	0.52	14.35	14.87	47.26	32.39	1.49	33.88	0.00	15.15	33.88
	II	0.00	0.39	10.85	11.24	46.77	35.53	1.12	36.65	0.00	12.67	36.65
	III	0.00	0.12	10.76	10.88	48.83	37.95	1.09	39.04	0.00	13.54	39.04
	I	0.00	0.14	15.21	15.35	66.42	51.07	1.54	52.61	0.00	22.28	52.61

1988	II	0.00	0.08	14.16	14.24	69.07	54.83	1.42	56.25	0.00	35.36	56.25
	III	0.00	0.04	14.38	14.42	57.34	42.92	1.44	44.36	0.00	33.92	44.36
1989	I	0.00	0.00	14.30	14.30	75.72	61.42	1.43	62.85	0.00	72.54	62.85
	II	0.00	0.00	10.12	10.12	78.52	68.40	1.01	69.41	0.00	47.25	69.41
	III	0.00	0.00	13.67	13.67	78.03	64.36	1.37	65.73	0.00	33.19	65.73
1990	I	0.00	0.00	7.62	7.62	33.49	25.87	0.76	26.63	0.00	8.26	26.63
	II	0.00	0.00	5.86	5.86	22.52	16.66	0.59	17.25	0.00	7.42	17.25
	III	0.00	0.00	4.09	4.09	15.36	11.27	0.41	11.68	0.00	6.82	11.68
1991	I	0.00	0.00	40.75	40.75	108.10	67.35	4.08	71.43	0.00	106.81	71.43
	II	0.00	0.00	16.90	16.90	58.72	41.82	1.69	43.51	0.00	102.20	43.51
	III	0.00	0.00	18.04	18.04	53.94	35.90	1.80	37.70	0.00	111.35	37.70
1992	I	0.00	0.00	4.35	4.35	42.82	38.47	0.44	38.91	2.49	17.41	36.41
	II	0.00	0.00	3.95	3.95	43.48	39.53	0.40	39.93	0.00	34.76	39.93
	III	0.00	0.00	2.01	2.01	42.63	40.62	0.20	40.82	4.59	26.46	36.23
1993	I	0.00	0.00	45.43	45.43	85.43	40.00	4.54	44.54	0.00	66.54	44.54
	II	0.00	0.00	39.80	39.80	79.65	39.85	3.98	43.83	0.00	62.91	43.83
	III	0.00	0.00	3.20	3.20	72.75	69.55	0.32	69.87	0.00	88.10	69.87
1994	I	0.00	0.00	3.65	3.65	49.28	45.63	0.37	46.00	0.00	55.24	46.00
	II	0.00	0.00	3.25	3.25	51.78	48.53	0.33	48.86	0.00	68.60	48.86
	III	0.00	0.00	1.49	1.49	46.78	45.29	0.15	45.44	0.00	73.76	45.44
1995	I	0.00	0.00	7.12	7.12	84.51	77.39	0.71	78.10	49.18	72.15	28.92
	II	0.00	0.00	7.95	7.95	49.00	41.05	0.80	41.85	84.85	122.40	-43.01
	III	0.00	0.00	11.07	11.07	123.45	112.38	1.11	113.49	4.953	40.35	108.53
1996	I	0.00	0.00	11.25	11.25	91.06	79.81	1.13	80.94	0.45	18.14	80.49
	II	0.00	0.00	5.28	5.28	66.89	61.61	0.53	62.14	0.00	20.60	62.14
	III	0.00	0.00	5.76	5.76	65.75	59.99	0.58	60.57	0.00	25.48	60.57
1997	I	0.00	0.00	5.77	5.77	51.78	46.01	0.58	46.59	4.71	20.26	41.88
	II	0.00	0.00	6.04	6.04	51.57	45.53	0.60	46.13	1.78	21.15	44.35
	III	0.00	0.00	5.79	5.79	57.83	52.04	0.58	52.62	11.84	35.26	40.77
1998	I	0.00	1.90	8.39	10.29	51.71	41.42	1.03	42.45	40.76	13.73	28.72
	II	0.00	2.69	6.56	9.25	49.41	40.16	0.93	41.09	40.31	15.12	25.97
	III	0.00	2.52	6.43	8.95	50.18	41.23	0.90	42.13	36.22	14.50	27.63
1999	I	0.00	0.00	2.89	2.89	42.00	39.11	0.29	39.40	20.90	51.28	18.50
	II	0.00	0.00	0.00	0.00	58.40	58.40	0.00	58.40	24.42	72.64	33.98
	III	0.00	0.00	0.00	0.00	41.79	41.79	0.00	41.79	5.18	57.99	36.61
2000	I	0.00	0.00	17.46	17.46	29.09	11.63	1.75	13.38	1.79	21.05	11.59
	II	0.00	0.00	16.79	16.79	22.31	5.52	1.68	7.20	0.00	22.11	7.20
	III	0.00	0.00	16.38	16.38	15.17	-1.21	1.64	0.43	0.00	24.92	0.43
2001	I	0.00	0.00	46.00	46.00	0.78	-45.22	4.60	-40.62	0.00	1.29	-40.62
	II	0.00	0.00	44.23	44.23	0.51	-43.72	4.42	-39.30	0.00	1.50	-39.30
	III	0.00	0.00	30.95	30.95	0.31	-30.64	3.10	-27.55	0.00	1.78	-27.55
2002	I	0.00	0.00	19.28	19.28	6.07	-13.21	1.93	-11.28	0.00	5.28	-11.28
	II	0.00	0.00	18.28	18.28	3.88	-14.40	1.83	-12.57	0.00	4.82	-12.57
	III	0.00	0.00	17.69	17.69	3.41	-14.28	1.77	-12.51	0.00	4.70	-12.51
2003	I	0.00	0.00	19.50	19.50	1.11	-18.39	1.95	-16.44	0.00	2.29	-16.44
	II	0.00	0.00	19.30	19.30	0.90	-18.40	1.93	-16.47	0.00	1.03	-16.47
	III	0.00	0.00	18.95	18.95	0.41	-18.54	1.90	-16.65	0.00	0.24	-16.65
2004	I	0.00	0.00	27.65	27.65	3.56	-24.09	2.77	-21.33	0.00	25.65	-21.33
	II	0.00	0.00	25.14	25.14	2.45	-22.69	2.51	-20.18	0.00	19.00	-20.18
	III	0.00	0.00	23.74	23.74	1.35	-22.39	2.37	-20.02	0.00	4.22	-20.02

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF JANUARY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((6-5)	Regene-raton @ 10% of column (5)	Total (7+8)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (9-10 or 11) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	5.88	2.12	13.34	21.34	140.77	119.43	2.13	121.56	115.16	90.46	31.10
	II	4.96	1.52	13.89	20.37	98.70	78.33	2.04	80.37	63.83	51.52	28.85
	III	4.83	1.46	11.76	18.05	71.05	53.00	1.81	54.81	19.59	10.94	43.87
1978	I	4.39	2.69	23.64	30.72	115.21	84.49	3.07	87.56	87.65	366.04	-0.09
	II	4.99	1.97	21.64	28.60	124.43	95.83	2.86	98.69	95.55	465.97	3.14
	III	3.55	1.70	14.86	20.11	147.41	127.30	2.01	129.31	95.64	433.11	33.67
1979	I	3.42	3.94	10.69	18.05	82.43	64.38	1.81	66.19	27.89	15.70	50.49
	II	3.54	3.15	14.22	20.91	74.00	53.09	2.09	55.18	6.09	9.10	49.09
	III	7.23	3.72	15.90	26.85	66.56	39.71	2.69	42.40	20.95	7.27	35.13
1980	I	0.52	0.42	11.06	12.00	149.63	137.63	1.20	138.83	82.27	80.56	58.27
	II	0.24	0.34	13.62	14.20	120.54	106.34	1.42	107.76	83.52	101.96	24.24
	III	0.29	0.34	12.32	12.95	48.10	35.15	1.30	36.45	63.62	85.38	-27.18
1981	I	0.00	0.12	18.93	19.05	17.93	-1.12	1.91	0.78	0.00	1.90	0.78
	II	0.00	0.24	18.03	18.27	16.10	-2.17	1.83	-0.34	0.00	1.68	-0.34
	III	0.00	0.26	16.03	16.29	11.60	-4.69	1.63	-3.06	0.00	1.84	-3.06
1982	I	1.09	0.98	7.26	9.33	54.32	44.99	0.93	45.92	22.00	56.43	23.93
	II	1.64	0.58	9.83	12.05	42.70	30.65	1.21	31.86	18.92	29.79	12.94
	III	2.62	2.69	17.88	23.19	105.85	82.66	2.32	84.98	88.92	131.26	-3.94
1983	I	2.07	1.42	19.75	23.24	98.22	74.98	2.32	77.30	80.39	80.47	-3.09
	II	1.47	1.02	19.71	22.20	140.57	118.37	2.22	120.59	39.72	55.21	80.87
	III	1.11	0.92	17.63	19.66	58.02	38.36	1.97	40.33	0.00	6.45	40.33
1984	I	3.51	1.84	32.31	37.66	88.66	51.00	3.77	54.77	225.58	219.98	-165.21
	II	2.84	2.45	27.27	32.56	90.94	58.38	3.26	61.64	75.40	129.96	-13.76
	III	1.98	2.64	19.17	23.79	40.73	16.94	2.38	19.32	0.00	13.51	19.32
	I	2.95	0.98	20.38	24.31	95.56	71.25	2.43	73.68	66.65	87.30	7.03

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((6-5)	Regene-raton @ 10% of column (5)	Total (7+8)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (9-10 or 11) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1985	II	1.93	0.85	20.05	22.83	99.64	76.81	2.28	79.09	45.24	75.77	33.85
	III	1.76	0.78	18.01	20.55	72.83	52.28	2.06	54.34	6.48	15.80	47.85
1986	I	4.31	3.58	22.99	30.88	144.05	113.17	3.09	116.26	152.99	195.17	-36.73
	II	3.97	2.95	19.82	26.74	117.57	90.83	2.67	93.50	67.78	117.25	25.72
	III	4.03	2.68	21.49	28.20	80.22	52.02	2.82	54.84	13.75	32.60	41.09
1987	I	0.35	1.50	16.73	18.58	161.60	143.02	1.86	144.88	112.72	127.00	32.16
	II	3.04	3.20	16.26	22.50	95.13	72.63	2.25	74.88	11.02	67.29	63.86
	III	1.21	2.06	13.38	16.65	55.55	38.90	1.67	40.57	1.50	17.22	39.07
1988	I	0.17	1.99	17.06	19.22	69.00	49.78	1.92	51.70	0.00	9.80	51.70
	II	0.00	1.76	19.00	20.76	73.54	52.78	2.08	54.86	0.00	15.20	54.86
	III	0.00	0.76	17.64	18.40	82.33	63.93	1.84	65.77	0.00	14.09	65.77
1989	I	0.00	1.13	25.73	26.86	89.93	63.07	2.69	65.76	0.00	32.99	65.76
	II	0.00	0.96	24.26	25.22	92.65	67.43	2.52	69.95	0.00	39.62	69.95
	III	0.00	0.31	21.83	22.14	79.72	57.58	2.21	59.79	0.00	43.70	59.79
1990	I	0.00	0.00	40.87	40.87	119.19	78.32	4.09	82.41	0.00	26.75	82.41
	II	0.00	0.00	12.20	12.20	56.81	44.61	1.22	45.83	0.00	15.67	45.83
	III	0.00	0.00	7.37	7.37	30.04	22.67	0.74	23.41	0.00	11.99	23.41
1991	I	0.54	1.30	28.12	29.96	101.11	71.15	3.00	74.15	0.00	37.53	74.15
	II	0.24	0.48	25.64	26.36	93.59	67.23	2.64	69.87	0.00	36.41	69.87
	III	0.09	0.40	25.68	26.17	86.67	60.50	2.62	63.12	0.00	30.87	63.12
1992	I	0.00	0.11	7.18	7.29	76.28	68.99	0.73	69.72	0.00	17.61	69.72
	II	0.00	0.12	6.44	6.56	71.04	64.48	0.66	65.14	0.00	16.74	65.14
	III	0.00	0.11	8.85	8.96	66.86	57.90	0.90	58.80	0.00	22.40	58.80
1993	I	0.00	0.12	5.55	5.67	75.18	69.51	0.57	70.08	0.00	34.85	70.08
	II	0.00	0.08	5.80	5.88	68.83	62.95	0.59	63.54	0.00	39.73	63.54
	III	0.00	0.00	5.57	5.57	64.39	58.82	0.56	59.38	0.00	39.84	59.38
1994	I	0.00	1.66	5.31	6.97	61.04	54.07	0.70	54.77	0.00	23.91	54.77
	II	0.00	2.17	7.39	9.56	67.27	57.71	0.96	58.67	0.00	35.20	58.67
	III	0.00	1.74	3.07	4.81	67.31	62.50	0.48	62.98	0.00	34.78	62.98
1995	I	0.00	0.58	9.37	9.95	62.60	52.65	1.00	53.65	35.54	23.91	29.74
	II	0.00	0.59	12.62	13.21	26.20	12.99	1.32	14.31	58.57	35.98	-21.67
	III	0.00	0.34	7.95	8.29	85.82	77.53	0.83	78.36	50.31	34.79	43.57
1996	I	0.00	0.81	19.51	20.32	109.70	89.38	2.03	91.41	55.66	77.30	35.75
	II	0.00	0.92	15.57	16.49	112.40	95.91	1.65	97.56	50.47	72.15	47.08
	III	0.00	0.30	11.91	12.21	112.80	100.59	1.22	101.81	88.77	108.10	13.04

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((6-5)	Regene-raton @ 10% of column (5)	Total (7+8)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (9-10 or 11) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1997	I	0.00	1.01	9.64	10.65	67.34	56.69	1.07	57.76	19.05	23.80	38.71
	II	0.00	0.82	10.81	11.63	56.68	45.05	1.16	46.21	0.00	7.92	46.21
	III	0.00	0.30	12.29	12.59	59.32	46.73	1.26	47.99	2.71	12.94	45.28
1998	I	0.00	26.69	68.46	95.15	202.90	107.75	9.52	117.27	14.78	191.60	102.49
	II	0.00	15.51	38.84	54.35	125.10	70.75	5.44	76.19	31.66	98.55	44.52
	III	0.00	7.31	28.08	35.39	89.27	53.88	3.54	57.42	39.17	27.20	30.22
1999	I	0.00	0.02	12.73	12.75	45.28	32.53	1.28	33.81	0.90	36.02	32.90
	II	0.00	0.00	11.85	11.85	51.70	39.85	1.19	41.04	5.53	39.35	35.51
	III	0.00	0.00	11.05	11.05	55.44	44.39	1.11	45.50	9.33	43.15	36.17
2000	I	0.00	0.02	39.53	39.55	39.78	0.23	3.96	4.19	15.02	23.07	-10.83
	II	0.00	0.00	41.58	41.58	35.39	-6.19	4.16	-2.03	0.00	25.72	-2.03
	III	0.00	0.00	41.58	41.58	33.12	-8.46	4.16	-4.30	2.94	26.77	-7.24
2001	I	0.00	0.00	56.09	56.09	10.28	-45.81	5.61	-40.20	0.00	17.48	-40.20
	II	0.00	0.00	52.89	52.89	8.48	-44.41	5.29	-39.12	0.00	13.09	-39.12
	III	0.00	0.00	46.62	46.62	4.45	-42.17	4.66	-37.51	0.00	8.49	-37.51
2002	I	0.00	0.00	32.74	32.74	32.61	-0.13	3.27	3.14	0.00	11.10	3.14
	II	0.00	0.00	44.42	44.42	42.87	-1.55	4.44	2.89	0.00	12.28	2.89
	III	0.00	0.00	44.45	44.45	31.67	-12.78	4.45	-8.34	0.00	12.64	-8.34
2003	I	0.00	0.00	21.96	21.96	0.83	-21.13	2.20	-18.93	0.00	3.14	-18.93
	II	0.00	0.00	21.37	21.37	0.77	-20.60	2.14	-18.46	0.00	3.10	-18.46
	III	0.00	0.00	20.66	20.66	0.77	-19.89	2.07	-17.82	0.00	2.72	-17.82
2004	I	0.00	0.00	37.05	37.05	32.00	-5.05	3.71	-1.35	0.00	41.58	-1.35
	II	0.00	0.00	35.28	35.28	24.48	-10.80	3.53	-7.27	0.00	46.43	-7.27
	III	0.00	0.00	35.43	35.43	32.47	-2.96	3.54	0.58	0.00	60.64	0.58

Appendix VIII - Observed Gauge-Capacity Data of Reservoirs Parbati Basin

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 21.06.2009 to 30.6.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st November 2008	1269.52	550	1155.88	6657	974.10	7125	852.57	-	5030	1400	6430	1328	
2nd November 2008	1269.50	625	1155.65	8315	973.70	9476	853.69	-	5358	1400	6758	1467	
3rd November 2008	1269.47	709	1155.31	9422	974.20	7960	853.88	-	5996	1445	7441	1893	
4th November 2008	1269.44	1682	1154.94	8335	976.00	8541	853.75	-	6153	1500	7653	2053	
5th November 2008	1269.38	2462	1154.60	9009	976.10	8505	853.80	-	6150	1500	7650	2157	
6th November 2008	1269.30	3215	1154.33	8503	977.20	8709	853.88	-	6146	1500	7646	2202	
7th November 2008	1269.19	3172	1154.18	8295	976.40	8277	853.75	-	6150	1500	7650	2190	
8th November 2008	1269.08	4724	1154.00	8440	976.70	8470	853.89	-	6150	1500	7650	2175	
9th November 2008	1268.93	4706	1153.82	7953	976.50	8314	853.75	-	6150	1500	7650	2199	
10th November 2008	1268.78	4448	1153.66	8059	976.40	8007	853.84	-	6150	1500	7650	2211	
Total in cusec days		**26293**		**82988**		**83384**		**0**	**59433**	**14745**	**74178**	**19875**	

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 11.11.2008 to 20.11.2008

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th November 2008	1268.63	3502	1153.49	9317	977.40	8846	853.90	0	6150	1500	7650	2378	
12th November 2008	1268.46	4769	1153.37	8032	976.90	8570	853.84	211	6150	1500	7650	2362	
13th November 2008	1268.30	5843	1153.17	9372	978.00	9031	853.85	212	6150	1500	7650	2444	
14th November 2008	1268.11	4724	1153.10	7663	977.50	8364	853.68	0	6134	1500	7634	2459	
15th November 2008	1267.94	5055	1152.95	8581	978.00	8718	853.80	0	6092	1500	7592	2453	
16th November 2008	1267.75	4290	1152.66	7856	978.10	8490	853.89	0	6134	1500	7634	2577	
17th November 2008	1267.59	4204	1152.34	9089	977.90	8819	853.96	0	6150	1500	7650	2715	
18th November 2008	1267.43	3388	1152.12	7290	977.70	8575	853.93	0	6150	1500	7650	2810	
19th November 2008	1267.29	2716	1152.00	8592	977.80	8822	853.90	0	6150	1500	7650	3047	
20th November 2008	1267.19	2911	1151.81	8557	977.60	8534	853.90	0	6109	1500	7609	3155	
Total in cusec days		**41402**		**84349**		**86769**		**423**	**61369**	**15000**	**76369**	**26400**	

Executive Engineer & TA

to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 21.11.2008 to 30.11.2008

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st November 2008	1267.08	2672	1151.48	7856	978.10	8168	853.96	0	5819	1500	7319	3360	
22nd November 2008	1266.98	3037	1151.30	7686	977.90	8287	853.89	0	5775	1442	7217	3078	
23rd November 2008	1266.87	1787	1151.00	8145	978.00	8171	853.86	0	5713	1363	7076	3140	
24th November 2008	1266.80	1263	1150.74	7737	977.80	7847	853.87	0	5625	1300	6925	3105	
25th November 2008	1266.75	2175	1150.54	7688	977.70	7504	853.92	0	5600	1300	6900	3145	
26th November 2008	1266.67	2762	1150.29	7330	977.90	7221	853.94	0	5431	1300	6731	3225	
27th November 2008	1266.50	8357	1150.05	7417	977.70	7290	853.88	0	5256	1300	6556	3273	
28th November 2008	1266.27	325	1149.87	6950	977.70	7014	853.95	0	5250	1267	6517	3217	
29th November 2008	1266.25	414	1149.66	7200	977.30	7464	853.90	0	5250	1100	6350	3251	
30th November 2008	1266.23	202	1149.34	6736	977.60	7101	853.90	0	5156	1100	6256	3319	

Total in cusec days	**22994**		**74745**		**76067**		**0**	**54875**	**12972**	**67847**	**32113**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet
Discharge in cusec days

Period 21.12.2008 to 31.12.2008

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st December 2008	1264.69	0	1143.99	7621	977.5	8405	853.81	0	6000	1500	7500	2764	
22nd December 2008	1264.68	0	1143.63	8380	977.3	8527	853.78	0	5975	1500	7475	2735	
23rd December 2008	1264.67	0	1143.25	8132	977.4	8982	853.91	0	5952	1500	7452	2762	
24th December 2008	1264.66	0	1142.79	8515	977.5	8254	853.91	0	5990	1500	7490	2784	
25th December 2008	1264.65	654	1142.36	7840	978	8596	853.86	0	5990	1500	7490	2771	
26th December 2008	1264.62	777	1142.01	8328	977.7	8604	853.94	0	6000	1500	7500	2723	
27th December 2008	1264.59	701	1141.61	7860	978	8417	853.88	0	5984	1500	7484	2768	
28th December 2008	1264.56	747	1141.25	7888	977.7	8622	853.88	0	5990	1500	7490	2747	
29th December 2008	1264.53	1988	1140.92	8139	977.4	8046	853.92	0	5993	1500	7493	2716	

30th December 2008	1264.45	1878	1140.63	7985	977.6	8324	853.78	0	5962	1500	7462	2734	
31st December 2008	1264.38	2264	1140.3	8692	977.6	8596	853.93	0	5993	1500	7493	2698	
Total in cusec days		**9009**		**89380**		**93373**		**0**	**65829**	**16500**	**82329**	**30202**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet
Discharge in cusec days

Period 1.1.2009 to 10.1.2009

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st January 2009	1264.29	1006	1139.95	6350	978.6	7994	853.88	0	6000	1500	7500	2832	
2nd January 2009	1264.25	1265	1139.71	8315	977.3	8597	853.84	0	5981	1404	7385	2936	
3rd January 2009	1264.20	738	1139.35	8103	978	7514	853.97	0	5997	1000	6997	2946	
4th January 2009	1264.17	481	1139.03	7322	978.1	7470	854	0	6000	1000	7000	2992	
5th January 2009	1264.15	519	1138.72	7608	978.3	7608	854	0	6000	1000	7000	3016	
6th January 2009	1264.13	1039	1138.4	7171	978	7723	854.08	0	6000	1000	7000	3120	
7th January 2009	1264.09	2590	1138.06	7061	978.1	7262	854.09	212	5656	1000	6656	3102	
8th January 2009	1263.99	816	1137.86	6773	977.6	7035	854.06	212	5025	1000	6025	3088	
9th January 2009	1263.96	697	1137.46	6550	978.1	6637	854.1	0	5025	1062	6087	2788	
10th January 2009	1263.93	0	1137.3	6162	978.5	6140	853.86	0	4685	1358	6043	2756	
Total in cusec days		**9151**		**71415**		**73980**		**424**	**56369**	**11324**	**67693**	**29576**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 11.1.2009 to 20.1.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st January 2009											0		
22nd January 2009											0		
23rd January 2009											0		
24th January 2009											0		
25th January 2009											0		
26th January 2009											0		
27th January 2009											0		
28th January 2009											0		
29th January 2009											0		
30th January 2009											0		
Total in cusec days		**0**		**0**		**0**		**0**	**0**	**0**	**0**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Level in feet

Period 21.01.2009 to 31.1.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st Jan. 2009	1263.76	840	1133.92	6005	978.2	5655	853.76	0	3900	1500	5400	933	
22nd Jan. 2009	1263.73	1903	1133.6	5961	978.4	6353	853.75	0	3900	1500	5400	712	
23rd Jan. 2009	1263.63	6003	1133.37	6196	978.1	6343	853.75	0	3900	1500	5400	649	
24th Jan. 2009	1263.44	3216	1133.24	6704	978.1	6961	853.94	0	3900	1500	5400	717	
25th Jan. 2009	1263.32	3109	1133.21	5434	978.2	6144	854.06	0	3652	1500	5152	735	
26th Jan. 2009	1263.17	3271	1133.06	4784	978.0	5665	853.91	0	3525	1500	5025	762	
27th Jan. 2009	1263.07	3377	1132.92	6217	978.1	4978	853.87	0	3525	1500	5025	362	
28th Jan. 2009	1262.91	3415	1132.76	6985	978.2	6192	853.90	0	3525	1500	5025	581	
29th Jan. 2009	1262.76	4183	1132.58	5820	977.7	6281	853.95	0	3525	1446	4971	691	
30th Jan. 2009	1262.56	4771	1132.46	4903	977.6	5837	853.99	0	3525	1400	4925	656	
31st Jan. 2009	1262.36	4064	1132.42	6012	977.5	5978	853.93	0	3525	1400	4925	638	
Total		38152		65021		66387			40402	16246	56648	7436	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Period 01.02.2009 to 10.02.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st Feb. 2009	1262.18	4200	1132.29	5491	978.2	5849	853.8	0	3525	1400	4925	666	
2nd Feb. 2009	1261.98	4603	1132.15	6333	977.6	6091	853.91	0	3525	1400	4925	653	
3rd Feb. 2009	1261.75	4735	1132.02	5779	977.9	6065	853.61	0	3525	1400	4925	652	
4th Feb. 2009	1261.52	5263	1131.92	6397	978	5670	853.98	0	3158	1400	4558	661	
5th Feb. 2009	1261.27	3997	1131.94	5013	977.9	5746	853.92	0	3225	1400	4625	593	
6th Feb. 2009	1261.15	3522	1131.82	5247	977.6	5618	853.9	0	3225	1400	4625	400	
7th Feb. 2009	1260.63	5262	1131.68	5666	977.9	5793	853.93	0	3225	1400	4625	383	
8th Feb. 2009	1260.74	3232	1131.61	5591	978.4	5785	853.85	0	3225	1400	4625	462	
9th Feb. 2009	1260.59	4555	1131.49	5702	977.9	5920	853.94	0	3225	1400	4625	569	
10th Feb. 2009	1260.3	2919	1131.39	3267	977.7	3238	853.74	0	3225	1400	4625	514	
Total		42288		54486		55775			33083	14000	47083	5553	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 11.02.2009 to 20.02.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th Feb. 2009	1260.28	777	1131.32	5528	976.80	3774	853.42	0	2559	921	3480	482	
12th Feb. 2009	1260.24	904	1131.11	0	978.00	0	852.80	0	173	0	173	374	
13th Feb. 2009	1260.15	3917	1131.10	0	978.10	39	852.49	0	25	0	25	284	
14th Feb. 2009	1260.02	777	1131.26	0	978.10	0	852.24	0	25	0	25	176	
15th Feb. 2009	1259.98	660	1131.28	0	978.20	0	851.98	0	25	0	25	170	
16th Feb. 2009	1259.95	218	1131.30	0	978.20	0	851.70	0	25	0	25	117	
17th Feb. 2009	1259.93	943	1131.38	0	978.30	0	851.42	0	25	0	25	66	
18th Feb. 2009	1259.88	1053	1131.36	0	978.30	0	851.20	0	25	0	25	0	
19th Feb. 2009	1259.83	1291	1131.36	0	978.40	0	850.95	0	25	0	25	0	
20th Feb. 2009	1259.77	918	1131.38	0	978.40	200	850.74	0	25	0	25	0	
Total		11458		5528		4013		0	2932	921	3853	1669	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 21.02.2009 to 28.02.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st Feb. 2009	1259.72	1668	1131.41	0	978.00	324	851.08	0	25	0	25	0	
22nd Feb. 2009	1259.64	2112	1131.43	0	978.00	0	850.87	0	25	0	25	0	

23rd Feb. 2009	1259.54	1966	1131.56	0	978.10	0	850.64	0	25	0	25	0	
24th Feb. 2009	1259.45	1024	1131.63	0	978.20	0	850.4	0	25	0	25	0	
25th Feb. 2009	1259.4	1760	1131.69	0	978.30	0	850.14	0	25	0	25	0	
26th Feb. 2009	1259.32	1162	1131.76	0	978.40	0	849.93	0	25	0	25	0	
27th Feb. 2009	1259.28	1645	1131.8	0	978.40	0	849.69	0	25	0	25	0	
28th Feb. 2009	1259.2	1598	1131.83	0	978.50	0	849.43	0	25	0	25	0	
Total		12935		0		324			200	0	200	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 1.03.2009 to 10.03.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st March 2009	1259.12	1353	1131.85	0	978.60	0	849.23	0	25	0	25	0	
2nd March 2009	1259.05	494	1131.9	0	978.60	0	849.07	0	25	0	25	0	
3rd March 2009	1259.01	2198	1131.94	0	978.70	0	848.85	0	25	0	25	0	
4th March 2009	1258.9	2371	1131.99	194	978.80	1414	849.53	0	25	0	25	0	
5th March 2009	1258.78	1677	1132.04	0	977.80	0	850.28	0	25	0	25	0	
6th March 2009	1258.69	1094	1132.12	1728	977.80	616	850.06	0	25	0	25	0	
7th March 2009	1258.63	1341	1132.01	0	979.00	0	850.55	0	25	0	25	0	
8th March 2009	1258.56	1341	1132.04	0	979.10	0	850.36	0	25	0	25	0	
9th March 2009	1258.49	1172	1132.06	0	979.10	0	850.18	0	25	0	25	0	

10th March 2009	1258.43	831	1132.12	0	979.20	0	849.93	0	25	0	25	0	
Total		13872		1922		2030			250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 1103.2009 to 20.03.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th March 2009	1258.38	0	1132.15	0	979.30	0	849.76	0	25	0	25	0	
12th March 2009	1258.37	671	1132.17	0	979.30	0	849.62	0	25	0	25	0	
13th March 2009	1258.33	1020	1132.17	0	979.40	0	849.48	0	25	0	25	0	
14th March 2009	1258.28	355	1132.24	0	979.50	0	849.32	0	25	0	25	0	
15th March 2009	1258.25	330	1132.27	0	979.60	704	849.43	0	25	0	25	0	
16th March 2009	1258.22	844	1132.26	0	978.90	361	850.13	0	25	0	25	0	
17th March 2009	1258.16	2202	1132.27	0	978.70	207	850.43	0	25	0	25	0	
18th March 2009	1258.04	1698	1132.35	0	978.70	316	850.26	0	25	0	25	0	
19th March 2009	1257.95	245	1132.4	0	978.60	0	850.47	0	25	0	25	0	
20th March 2009	1257.92	155	1132.41	0	978.60	0	850.35	0	25	0	25	0	
Total		7520		0		1588			250	0	250	0	

Executive Engineer & TA

to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 21.03.2009 to 31.03.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st March 2009	1257.9	0	1132.44	0	978.6	0	850.16	0	25	0	25	0	
22nd March 2009	1257.89	0	1132.44	0	978.7	0	849.96	0	25	0	25	0	
23rd March 2009	1257.88	0	1132.44	0	978.7	0	849.84	0	25	0	25	0	
24th March 2009	1257.87	0	1132.43	0	978.8	0	849.73	0	25	0	25	0	
25th March 2009	1257.86	0	1132.39	0	978.8	481	849.58	0	25	0	25	0	
26th March 2009	1257.85	472	1132.36	0	978.5	337	849.97	0	25	0	25	0	
27th March 2009	1257.81	0	1132.36	0	978.3	0	850.22	0	25	0	25	0	
28th March 2009	1257.8	431	1132.32	0	978.3	0	850.04	0	25	0	25	0	
29th March 2009	1257.77	322	1132.36	0	978.3	0	849.85	0	25	0	25	0	
30th March 2009	1257.74	454	1132.36	0	978.3	207	849.67	0	25	0	25	0	
31st March 2009	1257.71	0	1132.37	0	978	338	849.74	0	25	0	25	0	
Total in cusec days		1679		0		1363		0	275	0	275	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal Chambal complex and main canals (LMC & RMC)

Period 01.04.2009 to 10.04.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st April 2009	1257.61	1132	1132.4	0	977.6	234	850.3	0	25	0	25	0	
2nd April 2009	1257.54	1472	1132.42	0	977.6	435	850.16	0	25	0	25	0	
3rd April 2009	1257.45	1481	1132.5	0	977.4	0	850.47	0	25	0	25	0	
4th April 2009	1257.36	2666	1132.51	0	977.4	0	850.27	0	25	0	25	0	
5th April 2009	1257.22	529	1132.6	0	977.4	0	850.04	0	25	0	25	0	
6th April 2009	1257.18	759	1132.59	0	977.4	0	849.83	0	25	0	25	0	
7th April 2009	1257.12	0	1132.64	0	977.5	0	849.56	0	25	0	25	0	
8th April 2009	1257.1	302	1132.6	0	977.5	0	849.45	0	25	0	25	0	
9th April 2009	1257.07	1475	1132.55	0	977.6	0	849.25	0	25	0	25	0	
10th April 2009	1256.98	1804	1132.59	0	977.6	0	849.02	0	25	0	25	0	
Total in cusec days		11620		0		669		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.04.2009 to 30.04.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st April 2009	1255.66	2372	1133.95	0	976.20	433	849.71	0	25	0	25	0	
22nd April 2009	1255.53	4165	1133.48	0	975.80	355	849.73	0	25	0	25	0	
23rd April 2009	1255.35	1737	1133.57	0	975.50	0	849.95	0	25	0	25	0	
24th April 2009	1255.22	3876	1133.70	0	975.50	83	849.77	0	25	0	25	0	
25th April 2009	1255.02	1106	1133.85	0	975.40	185	849.75	0	25	0	25	0	
26th April 2009	1254.96	593	1133.91	0	975.20	0	849.72	0	25	0	25	0	
27th April 2009	1254.92	1900	1133.93	0	975.20	479	849.82	0	25	0	25	0	
28th April 2009	1254.82	0	1133.97	0	975.00	0	850.00	0	25	0	25	0	
29th April 2009	1254.80	2042	1133.98	0	975.00	184	849.80	0	25	0	25	0	

30th April 2009	1254.63	5911	1134.03	0	974.80	0	849.80	0	25	0	25	0	
Total in cusec days		23702		0		1719		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.05.2009 to 10.05.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st May 2009	1254.40	1811	1134.22	0	974.80	0	849.67	0	25	0	25	0	
2nd May 2009	1254.30	1139	1134.35	0	974.80	0	849.56	0	25	0	25	0	
3rd May 2009	1254.21	1540	1134.40	0	974.80	0	849.33	0	25	0	25	0	
4th May 2009	1254.15	2669	1134.42	0	974.80	383	849.11	0	25	0	25	0	
5th May 2009	1254.01	3504	1134.48	0	974.50	0	849.39	0	25	0	25	0	
6th May 2009	1253.83	2495	1134.56	0	974.50	742	849.38	0	25	0	25	0	
7th May 2009	1253.70	3286	1134.71	0	973.60	87	850.04	0	25	0	25	0	
8th May 2009	1253.53	4845	1134.94	0	973.60	0	849.92	0	25	0	25	0	
9th May 2009	1253.29	3107	1135.12	0	973.60	687	850.09	0	25	0	25	0	
10th May 2009	1253.01	1663	1135.22	0	973.00	0	850.32	0	25	0	25	0	
Total in cusec days		26059		0		1899		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.05.2009 to 20.05.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks

1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th May 2009	1252.96	720	1135.29	0	973.00	0	850.05	0	25	0	25	0	
12th May 2009	1252.89	2620	1135.31	0	973.00	0	849.86	0	25	0	25	0	
13th May 2009	1252.71	2305	1135.43	1050	973.00	0	849.67	0	25	0	25	0	
14th May 2009	1252.55	3175	1135.53	810	974.00	1698	849.42	0	629	0	629	0	
15th May 2009	1252.34	1705	1135.59	777	973.90	1188	849.14	0	1268	0	1268	0	
16th May 2009	1252.21	708	1135.61	70	973.60	53	848.05	0	285	0	285	0	
17th May 2009	1252.14	0	1135.67	432	973.70	777	847.60	0	25	0	25	0	
18th May 2009	1252.12	0	1135.59	369	973.40	362	848.93	0	25	0	25	0	
19th May 2009	1252.10	1249	1135.52	0	973.20	308	849.33	0	25	0	25	0	
20th May 2009	1252.00	402	1135.53	696	973.30	592	849.55	0	25	0	25	0	
Total in cusec days		12884		4204		4978		0	2357	0	2357	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.05.2009 to 31.05.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st May 2009	1251.95	2141	1135.47	0	973.40	0	849.76	0	25	0	25	0	
22nd May 2009	1251.80	629	1135.52	272	973.40	294	849.75	0	25	0	25	0	
23rd May 2009	1251.74	0	1135.51	0	973.50	0	849.83	0	25	0	25	0	
24th May 2009	1251.72	0	1135.47	0	973.60	0	849.63	0	25	0	25	0	
25th May 2009	1251.70	0	1135.47	0	973.60	0	849.42	0	25	0	25	0	
26th May 2009	1251.68	0	1135.50	0	973.70	0	849.24	0	25	0	25	0	
27th May 2009	1251.66	0	1135.46	0	973.80	0	849.03	0	25	0	25	0	
28th May 2009	1251.64	257	1135.44	0	973.80	0	848.84	0	25	0	25	0	
29th May 2009	1251.60	0	1135.44	0	973.80	0	848.65	0	25	0	25	0	
30th May 2009	1251.58	0	1135.43	0	974.00	0	848.43	0	25	0	25	0	
31st May 2009	1251.55	0	1135.41	208	974.00	232	848.29	0	25	0	25	0	
Total in cusec days		3027		480		526		0	275	0	275	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.06.2009 to 10.06.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st June 2009	1251.53	0	1135.47	1180	974.50	1091	849.02	0	25	0	25	0	
2nd June 2009	1251.51	0	1135.40	50	974.60	0	849.81	0	25	0	25	0	
3rd June 2009	1251.49	1133	1135.36	0	974.80	0	849.59	0	25	0	25	0	
4th June 2009	1251.40	3377	1135.38	236	974.80	291	849.55	0	25	0	25	0	
5th June 2009	1251.18	0	1135.44	0	975.00	0	849.56	0	25	0	25	0	
6th June 2009	1251.16	288	1135.41	0	975.00	0	849.35	0	25	0	25	0	
7th June 2009	1251.07	768	1135.40	0	975.10	0	849.16	0	25	0	25	0	
8th June 2009	1251.05	1551	1135.40	0	975.10	126	849.05	0	25	0	25	0	
9th June 2009	1250.94	3742	1135.45	0	975.00	0	848.97	0	25	0	25	0	
10th June 2009	1250.70	5218	1135.62	736	975.00	554	848.82	0	25	0	25	0	
Total in cusec days		16077		2202		2062		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.06.2008 to 20.06.2008 & 21.6.09 to 30.6.09 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th June 2009	1250.26	6130	1135.81	850	975.30	896	850.27	0	25	0	25	0	

12th June 2009	1249.98	4499	1135.92	485	975.30	434	850.50	0	25	0	25	0	
13th June 2009	1249.69	1012	1136.08	0	975.40	21	850.78	0	25	0	25	0	
14th June 2009	1249.61	0	1136.15	0	975.40	0	850.65	0	25	0	25	0	
15th June 2009	1249.59	0	1136.16	80	975.40	0	850.53	0	25	0	25	0	
16th June 2009	1249.57	0	1136.12	0	975.50	237	850.63	0	25	0	25	0	
17th June 2009	1249.55	0	1136.10	0	975.20	0	850.75	0	25	0	25	0	
18th June 2009	1249.53	0	1136.05	0	975.30	0	850.55	0	25	0	25	0	
19th June 2009	1249.53	0	1136.03	0	975.40	0	850.35	0	25	0	25	0	
20th June 2009	1249.49	0	1136.01	0	975.40	0	850.14	0	25	0	25	0	
Total in cusec days		**11641**		**1415**		**1588**		**0**	**250**	**0**	**250**	**0**	
21st June 2009	1249.47	0	1136.00	0	975.50	0	849.95	0	25	0	25	0	
22nd June 2009	1249.45	0	1135.99	0	975.60	0	849.69	0	25	0	25	0	
23rd June 2009	1249.43	0	1135.96	180	975.70	184	849.48	0	25	0	25	0	
24th June 2009	1249.41	0	1135.95	101	975.80	0	849.46	0	25	0	25	0	
25th June 2009	1249.39	0	1135.94	0	976.10	0	849.26	0	25	0	25	0	
26th June 2009	1249.37	0	1135.95	0	976.30	0	849.10	0	25	0	25	0	
27th June 2009	1249.35	0	1135.96	0	976.40	0	848.91	0	25	0	25	0	
28th June 2009	1249.33	0	1136.00	0	976.60	0	848.70	0	25	0	25	0	
29th June 2009	1249.31	0	1136.00	0	976.70	0	848.48	0	25	0	25	0	
30th June 2009	1249.31	0	1136.02	0	976.80	296	848.50	0	25	0	25	0	

Total in cusec days		0		281		480		0	250	0	250	0	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.07.2009 to 10.07.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st July 2009	1249.31	0	1136.01	0	976.60	495	848.48	0	25	0	25	0	
2nd July 2009	1249.30	0	1135.99	0	976.50	111	849.00	0	25	0	25	0	
3rd July 2009	1249.30	0	1136.30	0	978.20	530	852.80	0	25	0	25	0	
4th July 2009	1249.29	0	1136.33	0	978.30	0	853.53	0	25	0	25	0	
5th July 2009	1249.28	0	1136.31	0	978.40	0	853.41	0	25	0	25	0	
6th July 2009	1249.27	0	1136.29	0	978.50	0	853.25	0	25	0	25	0	
7th July 2009	1249.26	0	1136.27	0	978.70	579	853.34	0	25	0	25	0	
8th July 2009	1249.25	0	1136.24	0	978.30	0	853.53	0	25	0	25	0	
9th July 2009	1249.24	0	1136.23	0	978.30	0	853.34	0	25	0	25	0	
10th July 2009	1249.24	0	1136.26	0	978.30	311	853.44	0	25	0	25	0	
Total in cusec days		**0**		**0**		**2026**		**0**	**250**	**0**	**250**	**0**	

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.07.2009 to 20.07.2009 Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th July 2009	1249.25	0	1136.75	0	978.20	0	853.45	0	25	0	25	0	
12th July 2009	1249.27	0	1136.75	0	978.30	0	853.23	0	25	0	25	0	
13th July 2009	1249.27	0	1136.74	66	978.50	0	853.08	0	25	0	25	0	
14th July 2009	1249.33	0	1137.55	0	979.00	4466	853.03	7976	410	0	410	0	
15th July 2009	1249.38	0	1138.08	0	977.70	3387	852.00	2068	512	0	512	0	
16th July 2009	1249.42	0	1138.10	0	977.60	0	851.73	0	871	0	871	0	
17th July 2009	1250.02	0	1138.25	0	978.40	6803	852.02	6408	520	0	520	0	

18th July 2009	1253.10	0	1138.83	0	977.70	2944	852.12	2238	25	0	25	0	
19th July 2009	1253.51	0	1138.84	0	977.50	490	852.28	28	25	0	25	0	
20th July 2009	1253.93	0	1138.82	0	978.20	1865	852.20	1705	25	0	25	0	
Total in cusec days		**0**		**66**		**19955**		**20423**	**2463**	**0**	**2463**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.07.2009 to 31.07.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st July 2009	1254.19	0	1138.88	0	977.60	1206	852.05	2817	25	0	25	0	
22nd July 2009	1254.50	0	1139.06	0	977.40	1934	851.21	2541	25	0	25	0	
23rd July 2009	1255.20	0	1139.43	0	977.30	5398	851.12	10342	25	0	25	0	
24th July 2009	1263.31	0	1139.84	0	977.00	5189	851.00	4735	25	0	25	0	
25th July 2009	1267.53	0	1139.96	0	977.40	2624	851.55	2663	25	0	25	0	
26th July 2009	1267.83	0	1140.01	0	975.70	236	851.07	0	25	0	25	0	
27th July 2009	1268.08	0	1140.03	0	976.10	0	851.13	0	25	0	25	0	
28th July 2009	1268.22	0	1140.02	0	976.50	479	851.16	0	25	0	25	0	
29th July 2009	1268.20	973	1140.02	0	976.50	918	849.55	916	25	0	25	0	
30th July 2009	1268.18	1361	1140.04	0	976.00	946	850.28	0	25	0	25	0	
31st July 2009	1268.18	4567	1140.13	0	975.20	158	851.33	0	25	0	25	0	
Total in cusec days		**6901**		**0**		**19088**		**24014**	**275**	**0**	**275**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.08.2009 to 10.08.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st August 2009	1268.15	3233	1140.30	0	975.50		851.07	0	25	0	25	0	
2nd August 2009	1268.04	4420	1140.46	0	975.70		850.84	0	25	0	25	0	
3rd August 2009	1267.92	9853	1140.61	0	975.90		850.59	0	25	0	25	0	
4th August 2009	1267.56	8144	1141.01	0	976.10		850.33	0	25	0	25	0	
5th August 2009	1267.29	5259	1141.29	0	976.30		850.08	0	25	0	25	0	
6th August 2009	1267.12	3959	1141.51	0	976.40		849.80	0	25	0	25	0	
7th August 2009	1266.98	3545	1141.59	0	976.60	847	850.04	0	25	0	25	0	
8th August 2009	1266.86	2335	1141.68	0	976.00		850.37	0	25	0	25	0	
9th August 2009	1266.77	3319	1141.76	0	976.20		850.11	0	25	0	25	0	
10th August 2009	1266.69	2448	1141.85	0	976.30		849.87	0	25	0	25	0	
Total in cusec days		**46515**		**0**		**847**		**0**	**250**	**0**	**250**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.08.2009 to 20.08.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th August 2009	1266.57	3168	1141.96	0	976.40	0	849.58	0	25	0	25	0	

12th August 2009	1266.45	1249	1142.10	0	976.50	1200	850.22	0	25	0	25	0	
13th August 2009	1266.45	0	1142.27	0	975.50	0	851.20	0	25	0	25	0	
14th August 2009	1266.50	0	1142.28	0	975.70	0	851.09	0	25	0	25	0	
15th August 2009	1266.74	0	1142.24	0	976.00	0	851.00	0	25	0	25	0	
16th August 2009	1266.80	0	1142.27	0	976.10	0	850.85	0	25	0	25	0	
17th August 2009	1266.80	0	1142.31	0	976.30	0	850.80	0	25	0	25	0	
18th August 2009	1266.80	0	1142.27	0	976.30	0	850.75	0	25	0	25	0	
19th August 2009	1266.80	0	1142.26	0	976.50	0	850.66	0	25	0	25	0	
20th August 2009	1266.80	0	1142.25	0	976.70	0	850.53	0	25	0	25	0	
Total in cusec days		**4417**		**0**		**1200**		**0**	**250**	**0**	**250**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.08.2009 to 31.08.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st August 2009	1266.80	0	1142.24	0	976.80	0	850.40	0	25	0	25	0	
22nd August 2009	1266.80	0	1142.23	0	976.90	0	850.25	0	25	0	25	0	
23rd August 2009	1266.80	0	1142.22	0	977.00	0	850.13	0	25	0	25	0	
24th August 2009	1266.80	0	1142.21	0	977.00	0	849.99	0	25	0	25	0	

25th August 2009	1266.80	0	1142.20	0	977.00	0	849.83	0	25	0	25	0	
26th August 2009	1266.80	0	1142.26	0	977.90	214	849.70	0	25	0	25	0	
27th August 2009	1266.80	0	1142.38	0	978.50	984	850.31	0	25	0	25	0	
28th August 2009	1266.84	0	1142.47	0	977.90	443	851.47	0	25	0	25	0	
29th August 2009	1266.95	0	1142.55	0	978.10	844	851.72	0	25	37	62	0	
30th August 2009	1267.79	0	1142.75	0	978.20	3237	852.62	2191	25	391	416	0	
31st August 2009	1268.04	0	1142.75	0	977.80	0	852.23	0	341	642	983		
Total in cusec days		**0**		**0**		**5722**		**2191**	**591**	**1070**	**1661**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.09.2009 to 10.09.2009

Discharge in cusec days

Date	GS DAM level	GS Dam discharge	RPS DAM level	RPS DAM discharge	JS DAM level	JS DAM disch.	Kota Barrage level	Spillage at D/s of Kota Barrage	RMC disch.	LMC disch.	Total	Water delivered to M.P.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st Sept. 2009	1268.16	0	1142.75	0	978.40	3767	850.68	0	1588	458	2046	0	Water relelased for NTPC and Anant Chaturdashi festival
2nd Sept. 2009	1268.28	0	1142.74	1368	975.20	2641	849.55	0	1505	150	1655	0	
3rd Sept. 2009	1268.41	0	1142.76	1193	974.40	1773	848.55	0	1073	0	1073	0	
4th Sept. 2009	1270.07	0	1142.78	0	975.10	0	848.63	0	25	0	25	0	
5th Sept. 2009	1271.32	0	1142.86	0	975.50	0	848.44	0	25	0	25	0	
6th Sept. 2009	1272.51	0	1142.86	0	975.80	645	848.70	0	25	0	25	0	
7th Sept. 2009	1272.87	0	1142.85	0	975.50	382	849.13	0	25	0	25	0	
8th Sept. 2009	1273.06	0	1142.84	0	975.40	0	849.19	0	25	0	25	0	
9th Sept. 2009	1273.18	0	1142.83	0	975.50	0	848.98	0	25	0	25	0	

10th Sept. 2009	1273.30	0	1142.83	0	975.60	0	848.82	0	25	0	25	0	
Total in cusec days		**0**		**2561**		**9208**		**0**	**4341**	**608**	**4949**	**0**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.11.2009 to 20.11.2009

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th Nov. 2009	1271.62	861	1137.38	8392	975.3	9003	853.79	0	6125	1500	7625	2572	
12th Nov. 2009	1271.59	1377	1136.97	6452	975.6	8352	853.71	0	5953	1500	7453	2632	
13th Nov. 2009	1271.54	2614	1136.75	7231	973.5	7687	853.36	0	4844	1500	6344	3053	
14th Nov. 2009	1271.32	6301	1136.56	5946	975	5096	853.43	0	2978	1373	4351	2737	
15th Nov. 2009	1271.24	3866	1136.46	3288	976	3710	852.08	0	1302	1300	2602	1222	
16th Nov. 2009	1271.11	3990	1136.44	3870	975.70	3689	852.38	0	1782	1300	3082	334	
17th Nov. 2009	1270.98	2321	1136.45	4359	975.60	4830	852.68	0	2035	1283	3318	222	
18th Nov. 2009	1270.90	2508	1136.25	2825	976.30	3271	852.25	0	2035	1154	3189	197	
19th Nov. 2009	1270.81	1801	1136.09	4314	977.30	3759	851.95	0	1782	1000	2782	219	
20th Nov. 2009	1270.75	2274	1135.93	2732	976.80	3121	852.28	0	1275	875	2150	383	
Total in cusec days		**27913**		**49409**		**52518**		**0**	**30111**	**12785**	**42896**	**13571**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.12.2009 to 10.12.2009

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21st Nov. 2009	1270.67	2687	1135.84	1818	976.00	2250	852.05	0	911	558	1469	406	
22nd Nov. 2009	1270.58	2593	1135.87	934	976.00	1323	851.90	0	25	500	525	380	

23rd Nov. 2009	1270.49	1965	1135.93	1709	976.10	1101	851.91	0	25	500	525	340	
24th Nov. 2009	1270.42	1726	1135.9	1828	976.3	3152	852.18	0	25	133	158	251	
25th Nov. 2009	1270.36	1728	1135.97	0	976.4	0	852.22	0	25	0	25	0	
26th Nov. 2009	1270.3	1580	1136.04	0	976.5	0	851.96	0	25	0	25	0	
27th Nov. 2009	1270.24	1268	1136.06	0	976.6	0	851.73	0	25	0	25	0	
28th Nov. 2009	1270.19	1262	1136.08	0	976.7	0	851.46	0	25	0	25	0	
29th Nov. 2009	1270.14	1264	1136.12	0	976.8	0	851.21	0	25	0	25	0	
30th Nov. 2009	1270.09	1452	1136.15	0	976.9	0	850.95	0	25	0	25	0	
Total in cusec days		**17525**		**6289**		**7826**		**0**	**1136**	**1691**	**2827**	**1377**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.12.2009 to 10.12.2009

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1st Dec. 2009	1270.04	1868	1136.18	0	977.00	0	850.75	0	25	0	25	0	
2nd Dec. 2009	1269.98	1337	1136.22	0	977.10	0	850.50	0	25	0	25	0	
3rd Dec. 2009	1269.93	1417	1136.28	0	977.20	0	850.30	0	25	0	25	0	
4th Dec. 2009	1269.88	1444	1136.33	0	977.30	683	850.54	0	25	0	25	0	
5th Dec. 2009	1269.83	3915	1136.40	532	976.50	1404	851.22	0	654	0	654	0	
6th Dec. 2009	1269.62	7721	1136.58	4379	975.80	3266	852.28	0	2034	0	2034	0	
7th Dec. 2009	1269.41	6725	1136.74	1978	977.20	2779	851.97	0	2849	0	2849	628	
8th Dec. 2009	1269.13	8881	1136.99	3911	976.50	4170	851.78	0	3578	0	3578	2136	
9th Dec. 2009	1268.89	7099	1137.14	5135	976.20	5209	853.08	0	4478	0	4478	2742	
10th Dec. 2009	1268.65	8321	1137.20	6241	977.00	6761	853.14	0	5275	304	5579	2900	
Total in cusec days		**48728**		**22176**		**24272**		**0**	**18968**	**304**	**19272**	**8406**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.12.2009 to 20.12.2009 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered	Remarks
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11th Dec. 2009	1268.38	7143	1137.27	7020	976.40	7921	853.73	0	5672	787	6459	3141	
12th Dec. 2009	1268.17	6142	1137.27	8155	977.10	8205	853.74	0	5938	1200	7138	3128	
13th Dec. 2009	1267.97	3874	1137.10	6849	976.40	7710	853.61	0	5847	1300	7147	2925	
14th Dec. 2009	1267.83	6261	1136.90	8131	975.80	9113	853.46	0	5803	1362	7165	2881	
15th Dec. 2009	1267.61	5406	1136.68	7337	977.10	7828	853.87	0	5956	1400	7356	2778	
16th Dec. 2009	1267.42	4592	1136.55	8738	976.20	9001	853.24	0	5936	1400	7336	2814	
17th Dec. 2009	1267.28	3223	1136.30	8790	976.40	8881	853.92	0	5969	1400	7369	2751	
18th Dec. 2009	1267.17	1224	1136.05	8917	977.40	8760	854.00	0	6001	1400	7401	2708	
19th Dec. 2009	1267.10	4422	1135.62	2461	977.80	8282	854.03	0	6022	1454	7476	2672	
20th Dec. 2009	1266.90	3373	1135.40	7390	977.60	8375	854.01	0	6001	1500	7501	2695	
Total in cusec days		**45660**		**73788**		**84076**		**0**	**59145**	**13203**	**72348**	**28493**	

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.12.2009 to 31.12.2009 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Dec. 2009	1266.78	5712	1135.14	3780	978.20	9105	853.86	0	5911	1500	7411	2651
22nd Dec. 2009	1266.57	6311	1135.06	9388	977.50	8718	853.84	0	6004	1500	7504	2705

23rd Dec. 2009	1266.35	6186	1134.83	8392	978.30	8792	853.93	0	5983	1500	7483	2777
24th Dec. 2009	1266.09	8439	1134.76	8204	978.00	8454	854.00	0	6001	1500	7501	2817
25th Dec. 2009	1265.80	4635	1134.65	8552	977.70	8608	854.04	0	6019	1500	7519	2882
26th Dec. 2009	1265.69	5531	1134.44	7693	978.40	8744	853.93	212	5989	1500	7489	2961
27th Dec. 2009	1265.49	4191	1134.23	8019	977.80	8673	854.00	0	6002	1500	7502	2916
28th Dec. 2009	1265.28	5634	1134.03	7673	977.90	8318	853.89	0	5974	1500	7474	2948
29th Dec. 2009	1265.04	7880	1133.85	8432	978.00	8628	853.92	0	5987	1500	7487	2930
30th Dec. 2009	1264.84	5310	1133.73	8836	978.20	9021	854.00	0	6007	1500	7507	3123
31st Dec. 2009	1264.65	6404	1133.67	7597	977.60	8546	853.99	0	5850	1450	7300	3289
Total in cusec days		**66233**		**86566**		**95607**		**212**	**65727**	**16450**	**82177**	**31999**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 01.01.2010 to 10.01.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Jan. 2010	1264.39	6736	1133.57	7937	977.00	8629	853.81	0	5607	1400	7007	3386
2nd Jan. 2010	1264.18	5672	1133.42	7654	977.60	8432	853.93	0	5647	1400	7047	3311
3rd Jan. 2010	1263.97	5972	1133.14	7962	978.20	8535	853.93	0	5645	1400	7045	3224
4th Jan. 2010	1263.70	8358	1133.03	9410	977.50	8621	853.79	0	5596	1400	6996	3360
5th Jan. 2010	1263.40	7795	1132.90	7169	979.00	8674	853.91	0	5633	1400	7033	3360
6th Jan. 2010	1263.10	7685	1132.85	8138	978.10	8063	853.91	0	5629	1400	7029	3343
7th Jan. 2010	1262.74	8383	1132.77	7893	978.70	8551	853.54	0	5192	1400	6592	3360
8th Jan. 2010	1262.42	6556	1132.75	7486	978.00	8332	853.80	0	5204	1400	6604	3324
9th Jan. 2010	1262.11	7201	1132.72	6335	976.70	8480	853.98	0	5204	1400	6604	3278
10th Jan. 2010	1261.82	6398	1132.64	9199	977.30	8380	853.84	0	5216	1400	6616	3247
Total in cusec days		**70756**		**79183**		**84697**		**0**	**54573**	**14000**	**68573**	**33193**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.01.2010 to 20.01.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Jan. 2010	1261.54	7222	1132.55	6656	975.90	7843	853.90	0	5218	1400	6618	2931
12th Jan. 2010	1261.28	5384	1132.49	6114	975.30	8780	853.62	0	5182	1400	6582	2581
13th Jan. 2010	1261.04	3969	1132.41	10360	974.60	8606	853.85	0	5240	1400	6640	2451
14th Jan. 2010	1260.86	1444	1132.10	7410	977.80	8262	853.78	0	4682	1400	6082	2360
15th Jan. 2010	1260.78	5853	1131.79	1309	976.50	4391	852.67	0	3020	975	3995	2247
16th Jan. 2010	1260.53	2393	1131.86	567	973.80	1232	853.19	0	31	0	31	997
17th Jan. 2010	1260.42	6479	1131.98	0	974.60	0	853.14	0	25	0	25	337
18th Jan. 2010	1260.08	8591	1132.30	0	974.60	0	852.84	0	25	0	25	292
19th Jan. 2010	1259.75	1636	1132.59	0	974.60	0	852.59	0	25	0	25	0
20th Jan. 2010	1259.70	2242	1132.73	0	974.70	0	852.29	0	25	0	25	0
Total in cusec days		**45213**		**32416**		**39114**		**0**	**23473**	**6575**	**30048**	**14196**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.01.2010 to 31.01.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Jan. 2010	1259.60	5990	1132.77	0	974.80	0	852.02	0	25	0	25	0
22nd Jan. 2010	1259.34	2128	1132.94	500	974.90	0	851.79	0	25	0	25	0
23rd Jan. 2010	1259.24	1402	1133.17	0	975.40	0	851.55	0	25	0	25	0
24th Jan. 2010	1259.16	4344	1133.24	0	975.50	0	851.30	0	25	0	25	0
25th Jan. 2010	1258.98	1265	1133.37	0	975.60	0	851.04	0	25	0	25	0
26th Jan. 2010	1258.92	912	1133.47	0	975.70	0	850.82	0	25	0	25	0
27th Jan. 2010	1258.88	1455	1133.5	0	975.80	0	850.54	0	25	0	25	0
28th Jan. 2010	1258.78	1423	1133.55	0	975.90	0	850.32	0	25	0	25	0
29th Jan. 2010	1258.74	560	1133.58	0	975.90	0	850.09	0	25	0	25	0
30th Jan. 2010	1258.71	1011	1133.59	0	976.00	0	849.78	0	25	0	25	0

31st Jan. 2010	1258.66	836	1133.63	0	976.10	0	849.65	0	25	0	25	0
Total in cusec days		**21326**		**500**		**0**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.02.2010 to 10.02.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Feb. 2010	1258.62	1144	1133.64	0	976.2	0	849.43	0	25	0	25	0
2nd Feb. 2010	1258.56	1099	1133.67	0	976.3	0	849.23	0	25	0	25	0
3rd Feb. 2010	1258.51	1419	1133.69	0	976.4	0	849.08	0	25	0	25	0
4th Feb. 2010	1258.44	0	1133.71	0	976.4	0	848.89	0	25	0	25	0
5th Feb. 2010	1258.43	0	1133.69	0	976.5	0	848.73	0	25	0	25	0
6th Feb. 2010	1258.42	0	1133.67	0	976.6	0	848.54	0	25	0	25	0
7th Feb. 2010	1258.41	0	1133.66	0	976.7	0	848.39	0	25	0	25	0
8th Feb. 2010	1258.4	0	1133.64	0	976.7	0	848.24	0	25	0	25	0
9th Feb. 2010	1258.39	222	1133.63	0	976.8	0	848.13	0	25	0	25	0
10th Feb. 2010	1258.37	0	1133.62	0	976.8	0	848.03	0	25	0	25	0
Total in cusec days		**3884**		**0**		**0**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.02.2010 to 20.02.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Feb. 2010	1258.36	0	1133.61	0	976.9	0	847.84	0	25	0	25	0
12th Feb. 2010	1258.35	0	1133.6	0	977	0	847.75	0	25	0	25	0
13th Feb. 2010	1258.34	0	1133.59	0	977.1	0	847.63	0	25	0	25	0
14th Feb. 2010	1258.33	0	1133.58	0	977.2	0	847.56	0	25	0	25	0
15th Feb. 2010	1258.32	355	1133.57	0	977.2	784	847.81	0	25	0	25	0
16th Feb. 2010	1258.3	196	1133.56	0	976.6	0	848.35	0	25	0	25	0
17th Feb. 2010	1258.28	1122	1133.55	0	976.7	0	848.21	0	25	0	25	0

18th Feb. 2010	1258.22	2142	1133.55	0	976.8	222	848.18	0	25	0	25	0
19th Feb. 2010	1258.12	1366	1133.58	539	976.6	550	848.61	0	25	0	25	0
20th Feb. 2010	1258.05	914	1133.57	0	976.7	0	848.9	0	25	0	25	0
Total in cusec days		**6095**		**539**		**1556**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.02.2010 to 28.02.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Feb. 2010	1258.00	1314	1133.61	0	976.7	0	848.79	0	25	0	25	0
22nd Feb. 2010	1257.93	1326	1133.63	0	976.8	0	848.69	0	25	0	25	0
23rd Feb. 2010	1257.86	1372	1133.68	0	976.8	0	848.59	0	25	0	25	0
24th Feb. 2010	1257.78	2275	1133.73	0	976.9	78	848.52	0	25	0	25	0
25th Feb. 2010	1257.67	1544	1133.78	0	976.8	0	848.52	0	25	0	25	0
26th Feb. 2010	1257.59	1360	1133.84	0	976.9	0	848.39	0	25	0	25	0
27th Feb. 2010	1257.52	1199	1133.88	0	977	0	848.3	0	25	0	25	0
28th Feb. 2010	1257.46	1363	1133.95	0	977	470	848.53	0	25	0	25	0
Total in cusec days		**11753**		**0**		**548**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.03.2010 to 10.03.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st March 2010	1257.38	0	1133.97	0	976.60	0	848.86	0	25	0	25	0

2nd March 2010	1257.37	490	1133.97	0	976.60	0	848.73	0	25	0	25	0
3rd March 2010	1257.33	757	1133.96	0	976.70	0	848.60	0	25	0	25	0
4th March 2010	1257.28	345	1134.00	0	976.80	0	848.50	0	25	0	25	0
5th March 2010	1257.25	848	1134.02	0	976.80	0	848.43	0	25	0	25	0
6th March 2010	1257.20	1606	1134.06	0	976.80	0	848.36	0	25	0	25	0
7th March 2010	1257.11	1304	1134.11	0	976.90	0	848.26	0	25	0	25	0
8th March 2010	1257.04	733	1134.16	0	976.90	0	848.18	0	25	0	25	0
9th March 2010	1256.99	1501	1134.22	0	977.00	0	848.06	0	25	0	25	0
10th March 2010	1256.91	1524	1134.21	0	977.00	0	847.93	0	25	0	25	0
Total in cusec days		**9108**		**0**		**0**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.03.2010 to 20.03.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th March 2010	1256.83	900	1134.23	0	977.00	0	847.87	0	25	0	25	0
12th March 2010	1256.78	1281	1134.24	0	977.10	0	847.76	0	25	0	25	0
13th March 2010	1256.71	799	1134.25	0	977.20	537	848.02	0	25	0	25	0
14th March 2010	1256.66	2223	1134.26	0	976.70	0	848.22	0	25	0	25	0
15th March 2010	1256.55	3456	1134.30	0	976.70	0	848.06	0	25	0	25	0

16th March 2010	1256.38	889	1134.37	0	976.80	0	847.94	0	25	0	25	0
17th March 2010	1256.32	2514	1134.41	0	976.80	0	847.82	0	25	0	25	0
18th March 2010	1256.19	2278	1134.48	0	976.80	400	847.73	0	25	0	25	0
19th March 2010	1256.07	1692	1134.57	0	976.50	0	848.13	0	25	0	25	0
20th March 2010	1255.98	525	1134.65	0	976.50	0	848.02	0	25	0	25	0
Total in cusec days		**16557**		**0**		**937**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA
to Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 21.03.2010 to 31.03.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st March 2010	1255.94	0	1134.70	0	976.60	0	847.89	0	25	0	25	0
22nd March 2010	1255.93	410	1134.68	0	976.60	531	847.82	0	25	0	25	0
23rd March 2010	1255.90	1886	1134.68	0	976.10	0	848.34	0	25	0	25	0
24th March 2010	1255.78	2342	1134.71	0	976.20	0	848.16	0	25	0	25	0
25th March 2010	1255.66	2494	1134.77	0	976.20	0	847.97	0	25	0	25	0
26th March 2010	1255.53	1877	1134.85	0	976.30	0	847.84	0	25	0	25	0
27th March 2010	1255.49	1132	1134.90	0	976.30	105	847.77	0	25	0	25	0
28th March 2010	1255.37	565	1134.93	0	976.20	0	847.75	0	25	0	25	0
29th March 2010	1255.33	55	1134.95	0	976.30	183	847.60	0	25	0	25	0

30th March 2010	1255.31	0	1134.95	0	976.10	0	847.65	0	25	0	25	0
31st March 2010	1255.30	0	1134.93	0	975.80	497	847.82	0	25	0	25	0
Total in cusec days		**10761**		**0**		**1316**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 1.04.2010 to 10.04.2010 Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st April 2010	1255.28	122	1134.91	0	975.60	434	848.28	0	25	0	25	0
2nd April 2010	1255.26	0	1134.88	0	975.30	366	848.60	0	25	0	25	0
3rd April 2010	1255.24	0	1134.85	0	974.90	248	848.78	0	25	0	25	0
4th April 2010	1255.22	0	1134.82	0	974.90	132	848.93	0	25	0	25	0
5th April 2010	1255.20	2440	1134.78	0	974.90	0	848.71	0	25	0	25	0
6th April 2010	1255.14	0	1134.76	0	974.90	0	848.51	0	25	0	25	0
7th April 2010	1255.12	0	1134.72	1620	975.00	867	848.44	0	25	0	25	0
8th April 2010	1255.10	0	1134.58	2964	975.90	2363	850.63	0	804	0	804	0
9th April 2010	1255.08	0	1134.47	1828	977.00	822	849.69	0	1784	0	1784	0
10th April 2010	1255.06	0	1134.34	144	977.80	573	848.46	0	520	0	520	0
Total in cusec days		**2562**		**6556**		**5805**		**0**	**3283**	**0**	**3283**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period 11.04.2010 to 20.04.2010 Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th April 2010	1255.04	0	1134.31	0	977.40	0	848.57	0	25	0	25	0
12th April 2010	1255.02	0	1134.28	43	977.40	0	848.27	0	25	0	25	0
13th April 2010	1255.00	0	1134.24	0	977.60	0	848.00	0	25	0	25	0

14th April 2010	1254.98	0	1134.22	0	977.70	704	847.81	0	25	0	25	0
15th April 2010	1254.96	0	1134.21	0	976.80	340	848.83	0	25	0	25	0
16th April 2010	1254.94	740	1134.19	0	976.80	0	848.60	0	25	0	25	0
17th April 2010	1254.89	0	1134.19	0	977.00	0	848.34	0	25	0	25	0
18th April 2010	1254.87	0	1134.16	0	977.00	0	848.09	0	25	0	25	0
19th April 2010	1254.85	1207	1134.14	0	977.10	0	847.82	0	25	0	25	0
20th April 2010	1254.78	0	1134.14	0	977.20	0	847.59	0	25	0	25	0
Total in cusec days		**1947**		**43**		**1044**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.4.2010 to 30.4.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st April 2010	1254.76	1763	1134.10	0	977.20	0	847.39	0	25	0	25	
22nd April 2010	1254.66	625	1134.10	0	977.30	627	847.54	0	25	0	25	
23rd April 2010	1254.61	0	1134.06	0	976.80	0	847.58	0	25	0	25	
24th April 2010	1254.59	0	1134.03	0	976.90	0	847.32	0	25	0	25	
25th April 2010	1254.57	0	1134.01	0	976.40	0	847.14	0	25	0	25	
26th April 2010	1254.55	0	1133.99	0	976.80	576	847.40	0	25	0	25	
27th April 2010	1254.53	0	1133.97	0	976.60	1173	847.85	0	25	0	25	
28th April 2010	1254.51	0	1133.95	0	975.70	0	848.66	0	25	0	25	
29th April 2010	1254.49	0	1133.93	0	975.80	0	848.45	0	25	0	25	
30th April 2010	1254.47	674	1133.91	0	975.80	0	848.35	0	25	0	25	
Total in cusec days		**3062**		**0**		**2376**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.5.2010 to 10.5.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st May 2010	1254.42	0	1133.89	0	975.90	0	848.02	0	25	0	25	
2nd May 2010	1254.40	0	1133.87	0	976.00	0	847.78	0	25	0	25	
3rd May 2010	1254.38	0	1133.85	0	976.00	0	847.58	0	25	0	25	
4th May 2010	1254.36	321	1133.82	0	976.10	0	847.36	0	25	0	25	
5th May 2010	1254.33	912	1133.82	0	976.10	0	847.21	0	25	0	25	
6th May 2010	1254.27	3252	1133.84	0	976.20	758	847.10	0	25	0	25	
7th May 2010	1254.10	253	1133.96	0	974.70	927	849.06	0	25	0	25	
8th May 2010	1254.07	782	1133.97	0	974.70	0	848.99	0	25	0	25	
9th May 2010	1254.02	769	1133.97	0	974.80	0	848.82	0	25	0	25	
10th May 2010	1253.97	2246	1133.97	0	974.80	0	848.64	0	25	0	25	
Total in cusec days		**8535**		**0**		**1685**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.5.2010 to 20.5.2010 Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th May 2010	1253.85	823	1133.99	0	974.80	0	848.46	0	25	0	25	
12th May 2010	1253.79	1572	1134.02	58	974.90	0	848.30	0	25	0	25	
13th May 2010	1253.70	1741	1134.06	0	975.00	0	848.12	0	25	0	25	
14th May 2010	1253.60	1833	1134.09	0	975.00	0	847.92	0	25	0	25	
15th May 2010	1253.50	1077	1134.10	0	975.10	0	847.74	0	25	0	25	
16th May 2010	1253.43	320	1134.09	0	975.20	0	847.55	0	25	0	25	
17th May 2010	1253.40	0	1134.07	0	970.20	0	847.33	0	25	0	25	
18th May 2010	1253.38	190	1134.05	0	975.20	845	847.64	0	25	0	25	
19th May 2010	1253.35	244	1134.03	0	974.40	0	848.07	0	25	0	25	
20th May 2010	1253.32	0	1134.03	0	974.40	0	847.90	0	25	0	25	
Total in cusec days		**7800**		**58**		**845**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to

Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.5.2010 to 31.5.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st May 2010	1253.30	2735	1134.01	0	974.50	0	847.75	0	25	0	25	0
22nd May 2010	1253.14	678	1134.08	0	974.50	0	847.55	0	25	0	25	0
23rd May 2010	1253.07	0	1134.12	0	974.50	0	847.39	0	25	0	25	0
24th May 2010	1253.05	585	1134.10	0	974.50	79	847.24	0	25	0	25	0
25th May 2010	1252.99	0	1134.08	0	974.20	477	847.59	0	25	0	25	0
26th May 2010	1252.97	0	1134.05	0	974.20	0	847.43	0	25	0	25	0
27th May 2010	1252.95	0	1134.02	0	974.20	0	847.25	0	25	0	25	0
28th May 2010	1252.93	71	1133.99	0	974.20	0	847.03	0	25	0	25	0
29th May 2010	1252.91	0	1133.96	0	974.20	345	846.86	0	25	0	25	0
30th May 2010	1252.89	0	1133.94	0	973.60	266	847.35	0	25	0	25	0
31st May 2010	1252.87	3716	1133.91	0	973.60	0	847.17	0	25	0	25	0
Total in cusec days		**7785**		**0**		**1167**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.6.2010 to 10.6.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st June 2010	1252.62	618	1133.95	0	973.60	0	847.00	0	25	0	25	0
2nd June 2010	125.2.56	627	1133.95	331	973.60	348	847.08	0	25	0	25	0
3rd June 2010	1252.50	0	1133.94	780	973.60	815	847.63	0	25	0	25	0
4th June 2010	1252.47	3835	1133.91	0	973.50	160	848.18	0	25	0	25	0
5th June 2010	1252.22	192	1134.04	0	973.50	0	848.21	0	25	0	25	0
6th June 2010	1252.18	0	1134.06	0	973.50	0	847.95	0	25	0	25	0
7th June 2010	1252.15	0	1134.05	0	973.60	0	847.65	0	25	0	25	0
8th June 2010	1252.12	1521	1134.04	0	973.60	0	847.46	0	25	0	25	0
9th June 2010	1252.00	3005	1134.20	0	973.60	0	847.32	0	25	0	25	0

10th June 2010	1251.80	929	1134.20	397	973.60	413	847.30	0	25	0	25	0
Total in cusec days		**10727**		**1508**		**1736**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.6.2010 to 20.6.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th June 2010	1251.72	1422	1134.22	554	973.70	586	847.81	0	25	0	25	0
12th June 2010	1251.61	2946	1134.24	0	973.70	0	848.21	0	25	0	25	0
13th June 2010	1251.41	304	1134.30	0	973.80	0	848.02	0	25	0	25	0
14th June 2010	1251.37	0	1134.30	0	973.80	0	847.80	0	25	0	25	0
15th June 2010	1251.35	0	1134.29	0	973.80	0	847.61	0	25	0	25	0
16th June 2010	1251.33	0	1134.28	90	973.90	80	847.43	0	25	0	25	0
17th June 2010	1251.31	0	1134.26	528	973.90	531	847.69	0	25	0	25	0
18th June 2010	1251.29	2124	1134.21	1104	973.90	1047	848.75	0	25	0	25	0
19th June 2010	1251.14	1979	1134.22	369	974.10	172	849.27	0	25	0	25	0
20th June 2010	1251.00	1306	1134.28	0	974.10	0	849.29	0	25	0	25	0
Total in cusec days		**10081**		**2645**		**2416**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.6.2010 to 30.6.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st June 2010	1250.90	0	1134.34	0	974.40	0	849.10	0	25	0	25	0
22nd June 2010	1250.82	1015	1134.34	970	974.40	1182	848.96	0	25	0	25	0
23rd June 2010	1250.80	0	1134.31	290	974.50	315	850.45	0	25	0	25	0
24th June 2010	1250.78	0	1134.31	239	974.50	291	850.35	0	25	0	25	0
25th June 2010	1250.76	1216	1134.29	765	974.40	608	850.24	0	747	0	747	0
26th June 2010	1250.67	0	1134.32	0	974.70	0	848.54	0	1395	0	1395	0
27th June 2010	1250.65	0	1134.31	0	974.80	0	845.95	0	693	0	693	0
28th June 2010	1250.63	0	1134.37	0	975.00	0	845.57	0	25	0	25	0
29th June 2010	1250.61	0	1134.40	0	975.00	0	845.77	0	25	0	25	0
30th June 2010	1250.59	0	1134.39	0	975.00	198	845.73	0	25	0	25	0
Total in cusec days		**2231**		**2264**		**2594**		**0**	**3010**	**0**	**3010**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.7.2010 to 10.7.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st July 2010	1250.58	0	1134.36	156	974.90	317	845.75	0	25	0	25	0
2nd July 2010	1250.57	0	1134.36	0	974.70	0	846.00	0	25	0	25	0
3rd July 2010	1250.56	0	1134.51	0	974.80	0	845.95	0	25	0	25	0
4th July 2010	1250.55	0	1134.51	0	975.00	0	845.90	0	25	0	25	0

5th July 2010	1250.55	0	1135.27	0	978.70	4274	849.45	461	25	0	25	0
6th July 2010	1250.55	0	1135.49	0	978.20	0	849.93	556	25	0	25	0
7th July 2010	1250.54	0	1135.47	100	978.40	1966	849.73	1213	25	0	25	0
8th July 2010	1250.53	0	1135.45	0	975.90	2263	850.05	2119	25	0	25	0
9th July 2010	1250.53	0	1135.48	0	975.30	0	848.01	793	25	0	25	0
10th July 2010	1250.52	0	1135.48	0	975.30	0	847.80	0	25	0	25	0
Total in cusec days		**0**		**256**		**8820**		**5142**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.7.2010 to 20.7.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th July 2010	1250.51	0	1135.46	0	975.40	0			25	0	25	0
12th July 2010	1250.50	0	1135.44	0	975.50	0			25	0	25	0
13th July 2010	1250.49	1384	1135.42	0	975.60	0			25	0	25	0
14th July 2010	1250.40	402	1135.39	0	975.70	0			25	0	25	0
15th July 2010	1250.37	2193	1135.41	0	975.80	0			25	0	25	0
16th July 2010	1250.23	2657	1135.48	0	975.90	0			25	0	25	0
17th July 2010	1250.07	0	1135.60	0	975.90	0			25	0	25	0
18th July 2010	1250.06	0	1135.75	0	976.10	0			25	0	25	0
19th July 2010	1250.05	0	1135.84	0	976.20	0			25	0	25	0
20th July 2010	1250.04	0	1135.81	0	976.30	0			25	0	25	0
Total in cusec days		**6636**		**0**		**0**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.7.2010 to 31.7.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13

21st July 2010	1250.02	0	1135.80	0	976.40	0	846.40	0	25	0	25	0
22nd July 2010	1250.00	0	1136.16	0	976.60	0	846.30	0	25	0	25	0
23rd July 2010	1249.99	0	1136.20	0	976.60	0	846.49	0	25	0	25	0
24th July 2010	1249.98	0	1136.20	0	976.70	0	846.36	0	25	0	25	0
25th July 2010	1249.97	0	1136.20	0	976.80	0	846.19	0	25	0	25	0
26th July 2010	1249.94	0	1136.28	0	976.90	4807	847.25	1462	25	0	25	0
27th July 2010	1250.00	0	1137.24	0	975.40	533	849.68	151	25	0	25	0
28th July 2010	1250.02	0	1137.27	0	975.80	0	849.61	0	25	0	25	0
29th July 2010	1250.02	0	1137.26	0	976.00	0	849.45	0	25	0	25	0
30th July 2010	1250.02	0	1137.25	0	976.00	788	849.46	0	25	0	25	0
31st July 2010	1250.05	0	1137.37	0	976.40	1633	850.48	1321	25	0	25	0
Total in cusec days		**0**		**0**		**7761**		**2934**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.8.2010 to 10.8.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Aug. 2010	1250.35	0	1138.21	0	977.00	4509	850.48	3595	25	0	25	0
2nd Aug. 2010	1251.60	0	1138.46	0	977.70	4958	850.65	3816	25	0	25	0
3rd Aug. 2010	1252.40	0	1138.73	0	976.60	4750	850.61	4516	25	0	25	0
4th Aug. 2010	1252.80	0	1138.83	0	976.70	3153	850.60	3137	25	0	25	0
5th Aug. 2010	1253.10	0	1138.85	194	976.70	1415	850.45	1062	25	0	25	0
6th Aug. 2010	1253.20	0	1138.84	376	976.60	471	850.60	154	25	0	25	0
7th Aug. 2010	1253.40	0	1139.01	0	976.00	933	850.84	612	25	0	25	0

8th Aug. 2010	1253.80	0	1139.31	0	976.20	1657	851.35	1529	25	0	25	0
9th Aug. 2010	1254.90	0	1139.40	0	975.60	683	850.68	457	25	0	25	0
10th Aug. 2010	1255.75	0	1139.48	0	976.00	0	850.60	0	25	0	25	0
Total in cusec days		**0**		**570**		**22529**		**18878**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.8.2010 to 20.8.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Aug. 2010	1255.90	251	1139.52	0	976.40	0	850.52	0	25	0	25	0
12th Aug. 2010	1256.20	0	1139.52	0	976.60	1590	850.45	1123	25	0	25	0
13th Aug. 2010	1256.70	0	1139.73	0	977.80	3624	850.57	3057	25	0	25	0
14th Aug. 2010	1256.81	0	1139.86	0	976.40	3639	850.65	2692	25	0	25	0
15th Aug. 2010	1256.90	0	1139.98	0	975.70	914	850.63	1013	25	0	25	0
16th Aug. 2010	1257.10	0	1140.06	0	976.90	3055	850.87	3160	25	0	25	0
17th Aug. 2010	1257.50	0	1140.51	0	976.30	2643	850.85	1886	25	0	25	0
18th Aug. 2010	1257.75	0	1140.55	0	976.10	0	850.70	408	25	0	25	0
19th Aug. 2010	1258.20	0	1140.73	0	977.30	4005	850.58	3493	25	0	25	0
20th Aug. 2010	1258.60	0	1141.37	0	977.10	4808	850.61	4011	25	0	25	0
Total in cusec days		**251**		**0**		**24278**		**20843**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,

Irrigation Circle, CAD, Kota.

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Period:21.8.2010 to 31.8.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Aug. 2010	1258.95	0	1141.73	0	976.70	2437	850.73	2288	25	0	25	0
22nd Aug. 2010	1259.30	0	1142.08	0	976.20	1443	850.59	1267	25	0	25	0
23rd Aug. 2010	1259.45	0	1142.15	0	977.00	870	850.52	609	25	0	25	0
24th Aug. 2010	1259.57	0	1142.15	0	977.00	1323	850.55	911	25	0	25	0
25th Aug. 2010	1259.65	0	1142.21	0	976.50	1732	850.48	1216	25	0	25	0
26th Aug. 2010	1259.90	0	1142.53	0	976.10	1978	850.60	1821	25	0	25	0
27th Aug. 2010	1260.05	0	1142.92	0	977.10	1525	850.69	919	25	0	25	0
28th Aug. 2010	1260.10	0	1142.96	0	976.70	79	850.58	204	25	0	25	0
29th Aug. 2010	1260.45	0	1143.00	0	977.00	2904	850.53	2481	25	0	25	0
30th Aug. 2010	1260.90	0	1143.08	0	976.10	1186	850.26	910	25	0	25	0
31st Aug. 2010	1261.50	0	1143.12	0	976.90	3687	850.63	3373	25	0	25	0
Total in cusec days		**0**		**0**		**19164**		**15999**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.9.2010 to 10.9.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Sept. 2010	1262.20	0	1143.43	0	976.60	4152	850.61	3459	25	0	25	0

2nd Sept. 2010	1262.60	0	1143.56	0	976.80	554	850.55	6092	25	0	25	0
3rd Sept. 2010	1262.76	0	1143.59	0	977.60	1599	850.85	873	25	0	25	0
4th Sept. 2010	1262.89	0	1143.70	0	977.30	2462	851.25	2050	25	0	25	0
5th Sept. 2010	1263.00	0	1143.85	0	977.30	1479	851.30	1225	25	0	25	0
6th Sept. 2010	1263.55	0	1144.37	0	977.60	3642	851.30	2879	25	0	25	0
7th Sept. 2010	1264.20	0	1144.61	0	977.10	1677	851.42	1643	25	0	25	0
8th Sept. 2010	1264.55	0	1144.70	0	977.20	2040	851.32	1846	25	0	25	0
9th Sept. 2010	1265.40	0	1144.85	0	976.90	1207	851.31	1229	25	0	25	0
10th Sept. 2010	1266.94	0	1145.12	0	977.60	3962	851.38	3015	25	0	25	0
Total in cusec days		**0**		**0**		**22774**		**24311**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.9.2010 to 20.9.2010

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Sept. 2010	1267.96	0	1145.40	0	977.30	1577	851.34	1494	25	0	25	0
12th Sept. 2010	1268.40	0	1145.46	0	977.70	1482	851.20	1225	25	0	25	0
13th Sept. 2010	1268.64	0	1145.51	0	977.10	1583	851.36	1382	25	0	25	0
14th Sept. 2010	1268.82	0	1145.51	0	976.70	417	851.10	155	25	0	25	0
15th Sept. 2010	1268.91	0	1145.63	0	976.89	2079	851.08	1643	25	0	25	0
16th Sept. 2010	1268.95	0	1145.63	0	977.20	705	851.15	0	25	0	25	0

17th Sept. 2010	1269.00	0	1145.61	0	977.40	0	851.64	0	25	0	25	0
18th Sept. 2010	1269.02	0	1145.59	0	978.00	456	851.55	0	25	0	25	0
19th Sept. 2010	1269.02	0	1145.58	0	978.00	621	851.85	0	243	0	243	0
20th Sept. 2010	1269.02	0	1145.57	191	977.90	1730	851.29	0	860	0	860	0
Total in cusec days		**0**		**191**		**10650**		**5899**	**1303**	**0**	**1303**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.9.2010 to 30.9.2010

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Sept. 2010	1269.02	0	1145.53	0	976.10	1166	851.75	0	926	0	926	0
22nd Sept. 2010	1269.02	0	1145.50	0	976.40	1960	850.53	0	1784	0	1784	0
23rd Sept. 2010	1269.02	0	1145.47	0	975.10	0	849.68	0	25	0	25	0
24th Sept. 2010	1269.02	0	1145.44	0	975.40	566	849.53	0	25	0	25	0
25th Sept. 2010	1269.02	0	1145.42	0	975.10	0	849.96	0	25	0	25	0
26th Sept. 2010	1269.02	0	1145.40	0	975.50	0	849.79	0	25	0	25	0
27th Sept. 2010	1269.02	0	1145.38	0	975.60	0	849.65	0	25	0	25	0
28th Sept. 2010	1269.02	0	1145.35	0	976.00	0	849.52	0	25	0	25	0
29th Sept. 2010	1269.02	0	1145.32	0	976.20	0	849.39	0	25	0	25	0
30th Sept. 2010	1269.02	2582	1145.30	0	976.40	0	849.21	0	25	0	25	0
Total in cusec days		**2582**		**0**		**3692**		**0**	**2910**	**0**	**2910**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.10.2010 to 10.10.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
1st Oct. 2010	1268.94	0	1145.35	0	976.60	0	849.07	0	25	0	25	0
2nd Oct. 2010	1268.93	0	1145.35	0	976.70	0	848.93	0	25	0	25	0
3rd Oct. 2010	1268.92	0	1145.33	0	977.00	0	848.76	0	25	0	25	0
4th Oct. 2010	1268.91	0	1145.31	0	977.20	0	848.62	0	25	0	25	0
5th Oct. 2010	1268.90	0	1145.29	0	977.30	0	848.45	0	25	0	25	0
6th Oct. 2010	1268.89	1686	1145.26	0	977.30	143	848.30	0	25	0	25	0
7th Oct. 2010	1268.82	1990	1145.30	0	977.50	0	848.27	0	25	0	25	0
8th Oct. 2010	1268.75	0	1145.38	0	977.70	0	848.07	0	25	0	25	0
9th Oct. 2010	1268.74	0	1145.37	0	977.80	0	847.88	0	25	0	25	0
10th Oct. 2010	1268.73	0	1145.34	0	978.00	0	847.72	0	25	0	25	0
Total in cusec days		**3676**		**0**		**143**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.10.2010 to 20.10.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
11th Oct. 2010	1268.72	0	1145.31	0	978.10	0	847.54	0	25	0	25	0
12th Oct. 2010	1268.71	0	1145.29	0	977.20	1301	847.81	0	25	0	25	0
13th Oct. 2010	1268.70	0	1145.27	0	977.80	0	848.84	0	25	0	25	0
14th Oct. 2010	1268.69	0	1145.25	0	977.40	0	848.65	0	25	0	25	0
15th Oct. 2010	1268.68	208	1145.22	0	977.60	0	848.45	0	25	0	25	0
16th Oct. 2010	1268.66	531	1145.19	0	977.70	0	848.29	0	25	0	25	0
17th Oct. 2010	1268.63	663	1145.18	0	977.80	0	848.13	0	25	0	25	0
18th Oct. 2010	1268.60	2372	1145.23	0	978.00	0	847.99	0	25	0	25	0
19th Oct. 2010	1268.52	106	1145.35	0	978.00	0	847.80	0	25	0	25	0

20th Oct. 2010	1268.49	1707	1145.39	0	978.10	0	847.62	0	25	0	25	0
Total in cusec days		**5587**		**0**		**1301**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.10.2010 to 31.10.10

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1	2	3	4	5	6	7	8	9	10	11	12	13
21st Oct. 2010	1268.43	0	1145.4	0	978.3	0	847.5	0	25	0	25	0
22nd Oct. 2010	1268.42	1603	1145.36	0	978.4	0	847.35	0	25	0	25	0
23rd Oct. 2010	1268.36	1524	1145.41	0	978.5	348	847.26	0	25	0	25	0
24th Oct. 2010	1268.3	2357	1145.43	0	978.3	0	847.54	0	25	0	25	0
25th Oct. 2010	1268.21	3975	1145.47	0	978.4	3312	848.97	0	25	0	25	0
26th Oct. 2010	1268.07	4221	1145.66	2062	975.7	1686	852.09	0	25	0	25	0
27th Oct. 2010	1267.83	4640	1145.76	1868	976.2	1099	853.09	0	519	295	814	0
28th Oct. 2010	1267.61	6130	1145.86	3128	976.8	2649	853.09	0	1604	821	2425	0
29th Oct. 2010	1267.4	4831	1145.89	3991	977.7	4146	852.76	0	2392	1004	3396	0
30th Oct. 2010	1267.29	7750	1145.9	3792	977.8	4142	852.58	0	2550	985	3535	0
31st Oct. 2010	1266.90	6220	1145.95	4588	977.7	5822	852.35	0	2775	1063	3838	998
Total in cusec days		**43251**		**19429**		**23204**		**0**	**9990**	**4168**	**14158**	**998**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period: 1.11.10 to 10.11.10

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						

1	2	3	4	5	6	7	8	9	10	11	12	13
1st Nov. 2010	1266.66	5470	1145.95	6730	977.50	6475	852.63	0	3613	1242	4855	819
2nd Nov. 2010	1266.52	5512	1145.81	7043	977.80	7326	852.74	0	4444	1370	5814	917
3rd Nov. 2010	1266.29	5463	1145.61	7840	978.00	7964	853.44	0	5197	1471	6668	1506
4th Nov. 2010	1266.18	5860	1145.44	6023	978.50	8044	853.45	0	5400	1500	6900	1794
5th Nov. 2010	1265.83	6847	1145.43	6418	977.10	7787	853.26	0	5369	1500	6869	2035
6th Nov. 2010	1265.59	5780	1145.49	8055	975.70	8657	853.56	0	5467	1500	6967	2023
7th Nov. 2010	1265.36	7821	1145.37	7660	975.70	7760	853.68	0	5468	1500	6968	2042
8th Nov. 2010	1265.07	7171	1145.37	8088	976.30	8859	853.67	0	5500	1500	7000	2091
9th Nov. 2010	1264.81	8376	1145.29	7124	975.80	7619	853.49	0	5484	1500	6984	2086
10th Nov. 2010	1264.50	8056	1145.30	11098	976.40	9783	853.68	0	5754	1500	7254	2196
Total in cusec days		66356		76079		80274		0	51696	14583	66279	17509

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.11.10 to 20.11.10

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
11th Nov. 2010	1264.21	6821	1145.20	8082	978.00	8831	854.04	0	6034	1500	7534	2282
12th Nov. 2010	1263.99	6798	1145.23	9078	977.20	8562	854.10	0	6078	1500	7578	2648
13th Nov. 2010	1263.71	7668	1145.13	7424	977.90	8891	854.12	0	6090	1500	7590	2728
14th Nov. 2010	1263.45	5910	1145.01	8214	977.30	8975	854.10	0	6086	1500	7586	2714
15th Nov. 2010	1263.24	5794	1145.82	8594	977.80	8716	854.20	0	6153	1500	7653	2770
16th Nov. 2010	1263.10	7134	1144.73	7695	977.80	8222	854.18	0	5753	1383	7136	3095
17th Nov. 2010	1262.76	7009	1144.70	4648	977.80	6113	853.89	0	4194	910	5104	3233
18th Nov. 2010	1262.45	7432	1144.80	0	977.60	0	852.82	0	25	0	25	2706
19th Nov. 2010	1262.12	6522	1145.07	0	978.00	0	852.47	0	25	0	25	1053
20th Nov. 2010	1261.83	5917	1145.27	0	978.30	0	852.12	0	25	0	25	456
Total in cusec days		67005		53735		58310		0	40463	9793	50256	23685

Executive Engineer & TA to

Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.11.10 to 30.11.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Nov. 2010	1261.55	5236	1145.47	0	978.50	0	851.77	0	25	0	25	345
22nd Nov. 2010	1261.32	5385	1145.64	0	978.70	0	851.43	0	25	0	25	348
23rd Nov. 2010	1261.12	0	1145.84	0	979.00	0	851.07	0	25	0	25	281
24th Nov. 2010	1261.11	0	1145.86	0	979.10	0	850.77	0	25	0	25	227
25th Nov. 2010	1261.10	0	1145.85	0	979.30	636	850.62	0	25	0	25	0
26th Nov. 2010	1261.09	0	1145.85	0	978.90	0	850.92	0	25	0	25	0
27th Nov. 2010	1261.08	0	1145.85	0	979.10	666	850.74	0	25	0	25	0
28th Nov. 2010	1261.07	0	1145.85	0	978.70	0	851.08	0	25	0	25	0
29th Nov. 2010	1261.06	0	1145.83	0	978.90	0	850.75	0	25	0	25	0
30th Nov. 2010	1261.05	0	1145.82	0	979.00	580	850.74	0	25	0	25	0
Total in cusec days		10621		0		1882		0	250	0	250	1201
1st Dec. 2010	1261.04	22	1145.80	0	978.70	363	850.93	0	25	0	25	0
2nd Dec. 2010	1261.03	139	1145.77	0	978.50	571	851.26	0	25	0	25	0
3rd Dec. 2010	1261.01	0	1145.74	0	978.20	246	851.48	0	25	0	25	0
4th Dec. 2010	1261.00	1563	1145.71	0	978.10	286	851.42	0	25	0	25	0
5th Dec. 2010	1260.92	72	1145.74	0	978.00	0	851.39	0	25	0	25	0
6th Dec. 2010	1260.91	0	1145.73	0	978.10	181	851.14	0	25	0	25	0
7th Dec. 2010	1260.90	25	1145.70	0	978.10	0	851.00	0	25	0	25	0
8th Dec. 2010	1260.89	25	1145.68	0	978.20	0	850.65	0	25	0	25	0
9th Dec. 2010	1260.88	0	1145.65	0	978.30	0	850.38	0	25	0	25	0
10th Dec. 2010	1260.87	853	1145.63	0	978.50	0	850.27	0	25	0	25	0
Total in cusec days		2699		0		1647		0	250	0	250	0

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.12.10 to 20.12.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota	Spillage at	RMC	LMC	Total	Water

Date	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE	Barrage	D/s of Kota	disch.	disch.	Total	delivered
11th Dec. 2010	1260.82	475	1145.62	0	978.50	0	850.18	0	25	0	25	0
12th Dec. 2010	1260.79	775	1145.62	0	978.70	0	850.09	0	25	0	25	0
13th Dec. 2010	1260.75	0	1145.64	234	978.80	375	850.08	0	25	0	25	0
14th Dec. 2010	1260.74	0	1145.63	1976	978.80	4095	852.11	0	551	254	805	0
15th Dec. 2010	1260.73	6040	1145.49	2921	976.90	3153	853.43	0	1906	608	2514	0
16th Dec. 2010	1260.42	8280	1145.50	4988	976.80	5754	853.64	0	3089	742	3831	0
17th Dec. 2010	1260.07	7602	1145.62	7124	976.80	6507	853.84	0	4090	850	4940	1681
18th Dec. 2010	1259.73	6575	1145.58	6918	977.40	7204	853.89	0	4603	1008	5611	2267
19th Dec. 2010	1259.44	6850	1145.55	6259	976.80	7272	853.77	0	4825	1100	5925	2226
20th Dec. 2010	1259.15	7770	1145.54	7403	976.60	7314	853.93	0	4725	1225	5950	2410
Total in cusec days		44367		37823		41674		0	23864	5787	29651	8584

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.12.10 to 31.12.10

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Dec. 2010	1258.78	8021	1145.48	6761	977.20	8105	853.85	0	4925	1383	6308	2308
22nd Dec. 2010	1258.43	7964	1145.50	9327	976.40	8637	854.01	0	5375	1458	6833	2330
23rd Dec. 2010	1258.07	6459	1145.32	8291	977.50	8698	854.01	0	5834	1500	7334	2400
24th Dec. 2010	1257.80	4898	1145.22	7888	977.20	8456	854.09	0	5922	1500	7422	2508
25th Dec. 2010	1257.57	5297	1145.12	8303	975.90	8804	854.03	0	5931	1500	7431	2517
26th Dec. 2010	1257.28	6630	1144.89	8631	976.90	8139	854.01	0	5934	1500	7434	2545
27th Dec. 2010	1256.98	6152	1144.76	7228	977.60	9143	853.97	0	5900	1500	7400	2503
28th Dec. 2010	1256.68	7784	1144.70	8012	977.30	9200	854.15	0	5984	1500	7484	2472
29th Dec. 2010	1256.32	6220	1144.67	8354	977.30	8650	854.12	0	6019	1500	7519	2516
30th Dec. 2010	1256.03	6774	1144.58	8342	976.10	9242	854.04	0	5953	1500	7453	2524
31st Dec. 2010	1255.76	6842	1144.45	9441	976.50	9110	854.17	0	6029	1500	7529	2520
Total in cusec days		**73041**		**90578**		**96184**		**0**	**63806**	**16341**	**80147**	**27143**

Executive Engineer & TA to

Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:01.01.11 to 10.01.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st Jan. 2010	1255.48	6688	1144.23	7515	977.30	8737	854.14	0	5767	1500	7267	2641
2nd Jan. 2010	1255.24	6257	1144.20	9015	977.00	8797	854.18	0	6024	1500	7524	2674
3rd Jan. 2010	1254.95	7095	1144.09	8797	977.20	8751	854.15	0	6041	1500	7541	2792
4th Jan. 2010	1254.66	7040	1144.10	8165	977.00	8598	854.12	0	6009	1500	7509	2882
5th Jan. 2010	1254.41	1344	1143.95	8755	977.40	8759	854.11	0	6006	1500	7506	2954
6th Jan. 2010	1254.35	1167	1143.59	7075	977.90	8718	854.11	0	5806	1500	7306	2888
7th Jan. 2010	1254.30	0	1143.29	7577	977.20	7740	854.12	0	5144	1500	6644	2639
8th Jan. 2010	1254.29	0	1142.95	6878	976.90	8392	854.05	0	5622	1500	7122	2359
9th Jan. 2010	1254.28	0	1142.60	8807	975.80	9215	853.97	0	5903	1500	7403	2668
10th Jan. 2010	1254.27	0	1142.17	8826	976.10	8598	854.12	0	6009	1500	7509	2936
Total in cusec days		**29591**		**81410**		**86305**		**0**	**58331**	**15000**	**73331**	**27433**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.01.11 to 20.01.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
11th Jan. 2010	1254.26	0	1141.74	8669	977	8911	854.09	0	5997	1500	7497	2953
12th Jan. 2010	1254.25	0	1141.32	6900	977.3	8901	854.21	0	6078	1500	7578	2995
13th Jan. 2010	1254.24	0	1141.00	9522	975.9	8919	854.22	0	6087	1500	7587	2929
14th Jan. 2010	1254.23	1345	1140.6	8355	977	8800	854.21	0	6087	1500	7587	2956
15th Jan. 2010	1254.16	0	1140.28	6539	977.1	8784	854.22	0	6052	1500	7552	3009

16th Jan. 2010	1254.15	0	1139.92	7438	975.6	8901	854.14	0	6027	1500	7527	2948
17th Jan. 2010	1254.14	0	1139.41	9993	975.1	8797	854.16	0	6055	1500	7555	3012
18th Jan. 2010	1254.13	0	1138.89	8592	977.2	8625	854.2	0	6078	1500	7578	3003
19th Jan. 2010	1254.12	0	1138.49	9585	977.4	8942	854.2	0	6072	1500	7572	2981
20th Jan. 2010	1254.11	0	1138.06	6883	977.9	8676	854.2	0	6078	1500	7578	2907
Total in cusec days		**1345**		**82476**		**88256**		**0**	**60611**	**15000**	**75611**	**29693**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.01.11 to 31.01.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Jan. 2010	1254.10	0	1137.66	7096	976.40	8969	854.14	0	6036	1500	7536	2878
22nd Jan. 2010	1254.09	0	1137.22	9429	977.40	8997	854.17	0	6050	1500	7550	2900
23rd Jan. 2010	1254.08	0	1136.86	7452	976.50	8535	854.17	0	6052	1500	7552	2964
24th Jan. 2010	1254.07	3037	1136.43	7482	976.00	9021	854.18	0	6012	1500	7512	2969
25th Jan. 2010	1253.92	3262	1136.17	9765	975.20	8578	854.17	0	6059	1500	7559	2958
26th Jan. 2010	1253.76	3093	1135.8	8874	977.40	8755	854.26	0	6039	1500	7539	3011
27th Jan. 2010	1253.61	2897	1135.52	8817	976.70	8724	854.14	0	5956	1477	7433	3087
28th Jan. 2010	1253.47	5064	1135.12	6952	977.40	8604	854.14	0	5880	1362	7242	3216
29th Jan. 2010	1253.16	7107	1135.04	9175	976.40	8869	854.07	0	5828	1300	7128	3106
30th Jan. 2010	1252.74	6176	1134.83	6205	976.60	8173	854.1	0	5850	1300	7150	3134

31st Jan. 2010	1252.40	4487	1134.72	8945	975.90	8792	854.07	0	5829	1300	7129	3051
Total in cusec days		**35123**		**90192**		**96017**		**0**	**65591**	**15739**	**81330**	**33274**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.02.11 to 10.02.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st Feb. 2010	1252.13	5496	1134.5	8987	977.30	8642	854.05	0	5815	1300	7115	3029
2nd Feb. 2010	1251.79	1509	1134.38	7272	977.70	7098	854.24	0	5959	330	6289	2895
3rd Feb. 2010	1251.68	3586	1134.19	6439	978.00	6293	854.15	0	5891	0	5891	2744
4th Feb. 2010	1251.45	3989	1134.03	5330	977.50	6346	854.25	0	5963	0	5963	2539
5th Feb. 2010	1251.09	4946	1134.02	6566	977.40	5681	854.24	0	5588	0	5588	2487
6th Feb. 2010	1250.98	0	1133.93	1650	977.70	4619	853.91	0	4260	0	4260	2306
7th Feb. 2010	1250.87	0	1133.87	0	974.50	1187	854.21	0	733	0	733	1478
8th Feb. 2010	1250.85	0	1133.94	0	974.40	0	854.03	0	25	0	25	448
9th Feb. 2010	1250.83	0	1133.8	0	974.50	0	853.83	0	25	0	25	290
10th Feb. 2010	1250.81	643	1133.77	0	974.50	0	853.65	0	25	0	25	390
Total in cusec days		**20169**		**36244**		**39866**		**0**	**34284**	**1630**	**35914**	**18606**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.02.11 to 20.02.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
11th Feb. 2010	1250.75	0	1133.77	0	974.70	0	853.47	0	25	0	25	0

12th Feb. 2010	1250.73	0	1133.75	0	974.80	0	853.3	0	25	0	25	0
13th Feb. 2010	1250.71	0	1133.73	0	974.90	0	853.14	0	25	0	25	0
14th Feb. 2010	1250.69	0	1133.71	0	975.10	0	852.96	0	25	0	25	0
15th Feb. 2010	1250.67	0	1133.69	0	975.10	0	852.78	0	25	0	25	0
16th Feb. 2010	1250.65	0	1133.67	0	975.30	0	852.69	0	25	0	25	0
17th Feb. 2010	1250.63	0	1133.65	0	975.40	0	852.53	0	25	0	25	0
18th Feb. 2010	1250.61	0	1133.63	0	975.40	0	852.38	0	25	0	25	0
19th Feb. 2010	1250.59	0	1133.59	0	975.50	0	852.26	0	25	0	25	0
20th Feb. 2010	1250.57	0	1133.57	0	975.60	0	852.13	0	25	0	25	0
Total in cusec days		**0**		**0**		**0**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.02.11 to 28.02.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st Feb. 2011	1250.55	0	1133.55	0	975.60	0	852.02	0	25	0	25	0
22nd Feb. 2011	1250.53	0	1133.52	0	975.70	0	851.89	0	25	0	25	0
23rd Feb. 2011	1250.51	0	1133.50	0	975.80	0	851.74	0	25	0	25	0
24th Feb. 2011	1250.49	0	1133.48	0	975.90	0	851.55	0	25	0	25	0
25th Feb. 2011	1250.47	0	1133.45	0	976.00	0	851.36	0	25	0	25	0
26th Feb. 2011	1250.45	0	1133.42	0	976.10	0	851.19	0	25	0	25	0
27th Feb. 2011	1250.43	0	1133.4	0	976.20	0	851.06	0	25	0	25	0

28th Feb. 2011	1250.41	0	1133.38	0	976.30	0	850.94	0	25	0	25	0
Total in cusec days		**0**		**0**		**0**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:01.03.11 to 10.3.11 & 11.3.11 to 20.3.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st March 2011	1250.38	0	1133.36	0	976.30	0	850.8	0	25	0	25	0
2nd March 2011	1250.35	0	1133.34	0	976.40	0	850.67	0	25	0	25	0
3rd March 2011	1250.32	0	1133.32	0	976.50	0	850.55	0	25	0	25	0
4th March 2011	1250.26	0	1133.3	0	976.50	0	850.37	0	25	0	25	0
5th March 2011	1250.23	0	1133.31	0	976.50	0	850.22	0	25	0	25	0
6th March 2011	1250.20	0	1133.29	0	976.60	0	850.12	0	25	0	25	0
7th March 2011	1250.17	0	1133.27	0	976.60	0	849.97	0	25	0	25	0
8th March 2011	1250.14	0	1133.24	0	976.60	0	849.87	0	25	0	25	0
9th March 2011	1250.11	0	1133.22	0	976.70	0	849.77	0	25	0	25	1
10th March 2011	1250.08	0	1133.19	0	976.70	0	849.67	0	25	0	25	2
Total in cusec days		**0**		**0**		**0**		**0**	**200**	**0**	**200**	**0**
11th March 2011	1250.05	0	1133.16	0	976.70	0	849.49	0	25	0	25	0
12th March 2011	1250.02	0	1133.13	0	976.70	0	849.3	0	25	0	25	0
13th March 2011	1249.99	0	1133.10	0	976.70	0	849.17	0	25	0	25	0

14th March 2011	1249.96	0	1133.07	0	976.80	0	849	0	25	0	25	0
15th March 2011	1249.93	0	1133.03	0	976.80	0	848.86	0	25	0	25	0
16th March 2011	1249.90	0	1133	0	976.80	0	848.73	0	25	0	25	0
17th March 2011	1249.87	0	1132.97	0	976.80	0	848.55	0	25	0	25	0
18th March 2011	1249.84	0	1132.94	0	976.80	0	848.35	0	25	0	25	0
19th March 2011	1249.81	0	1132.91	0	976.90	0	848.1	0	25	0	25	1
20th March 2011	1249.78	0	1132.87	0	976.90	0	847.8	0	25	0	25	2
Total in cusec days		**0**		**0**		**0**		**0**	**200**	**0**	**200**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.03.11 to 31.3.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st March 2011	1249.75	0	1132.85	0	976.90	0	847.6	0	25	0	25	0
22nd March 2011	1249.72	0	1132.83	0	976.90	0	847.43	0	25	0	25	0
23rd March 2011	1249.69	0	1132.80	0	977.00	0	847.24	0	25	0	25	0
24th March 2011	1249.66	0	1132.77	0	977.00	0	847.03	0	25	0	25	0
25th March 2011	1249.63	0	1132.74	0	977.00	576	846.85	0	25	0	25	0
26th March 2011	1249.60	0	1132.71	0	976.10	585	848.18	0	25	0	25	0
27th March 2011	1249.57	0	1132.68	0	976.10	0	848.00	0	25	0	25	0
28th March 2011	1249.54	0	1132.65	0	976.10	0	847.83	0	25	0	25	0
29th March 2011	1249.51	0	1132.63	0	976.10	418	847.59	0	25	0	25	0

30th March 2011	1249.48	1036	1132.6	0	975.60	228	848.14	0	25	0	25	0
31st March 2011	1249.39	0	1132.6	0	975.60	0	848.03	0	25	0	25	0
Total in cusec days		**0**		**0**		**1807**		**0**	**275**	**0**	**275**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.04.11 to 10.4.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st April 2011	1249.36	0	1132.57	0	975.60	0	847.85	0	25	0	25	0
2nd April 2011	1249.33	747	1132.55	0	975.60	0	847.66	0	25	0	25	0
3rd April 2011	1249.25	0	1132.55	0	975.70	0	847.47	0	25	0	25	0
4th April 2011	1249.22	0	1132.52	0	975.70	0	847.25	0	25	0	25	0
5th April 2011	1249.19	0	1132.49	0	975.70	564	847.26	0	25	0	25	0
6th April 2011	1249.16	0	1132.46	0	975.10	0	847.97	0	25	0	25	0
7th April 2011	1249.13	0	1132.44	0	975.10	0	847.78	0	25	0	25	0
8th April 2011	1249.10	0	1132.42	0	975.10	356	847.7	0	25	0	25	0
9th April 2011	1249.07	0	1132.41	0	974.90	0	847.79	0	25	0	25	0
10th April 2011	1249.04	0	1132.38	0	974.90	0	847.63	0	25	0	25	0
Total in cusec days		**747**		**0**		**920**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:11.04.11 to 20.4.11

Discharge in cusec days

Date	GS DAM		RPS DAM		JS DAM		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						

11th April 2011	1249.01	0	1132.36	0	974.90	0	847.43	0	25	0	25	0
12th April 2011	1248.98	0	1132.34	0	975.00	1079	848.02	0	25	0	25	0
13th April 2011	1248.95	0	1132.32	0	974.10	0	848.54	0	25	0	25	0
14th April 2011	1248.92	922	1132.3	0	974.10	0	848.35	0	25	0	25	0
15th April 2011	1248.84	438	1132.3	0	974.10	0	847.16	0	25	0	25	0
16th April 2011	1248.79	0	1132.3	0	974.10	0	848.03	0	25	0	25	0
17th April 2011	1248.76	0	1132.28	0	974.20	0	847.780	0	25	0	25	0
18th April 2011	1248.73	0	1132.27	0	974.20	0	847.58	0	25	0	25	0
19th April 2011	1248.70	0	1132.25	0	974.20	596	847.46	0	25	0	25	0
20th April 2011	1248.67	0	1132.22	47	973.80	40	848.01	0	25	0	25	0
Total in cusec days		**1360**		**47**		**1715**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:21.04.11 to 30.4.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
21st April 2011	1248.64	0	1132.18	0	973.80	0	847.79	0	25	0	25	0
22nd April 2011	1248.61	0	1132.16	0	973.90	0	847.58	0	25	0	25	0
23rd April 2011	1248.58	0	1132.13	0	973.50	362	848.57	0	25	0	25	0
24th April 2011	1248.55	0	1132.11	0	973.50	0	848.59	0	25	0	25	0
25th April 2011	1248.52	0	1132.09	0	973.50	0	848.39	0	25	0	25	0

26th April 2011	1248.49	457	1132.07	0	973.50	0	848.19	0	25	0	25	0
27th April 2011	1248.44	0	1132.06	0	973.50	0	847.99	0	25	0	25	0
28th April 2011	1248.41	0	1132.04	0	973.50	0	847.81	0	25	0	25	0
29th April 2011	1248.38	70	1132.02	0	973.40	40	847.65	0	25	0	25	0
30th April 2011	1248.35	788	1132.00	0	973.40	0	847.53	0	25	0	25	0
Total in cusec days		**1315**		**0**		**402**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

Statement showing the levels and discharge of Chambal complex and main canals (LMC & RMC)

Period:1.05.11 to 10.5.11

Discharge in cusec days

Date	**GS DAM**		**RPS DAM**		**JS DAM**		Kota Barrage	Spillage at D/s of Kota	RMC disch.	LMC disch.	Total	Water delivered
	LEVEL	DISCHARGE	LEVEL	DISCHARGE	LEVEL	DISCHARGE						
1st May 2011	1248.26	911	1132.03	0	973.40	0	847.45	0	25	0	25	0
2nd May 2011	1248.16	0	1132.07	0	973.40	0	847.3	0	25	0	25	0
3rd May 2011	1248.13	0	1132.04	0	973.40	0	847.1	0	25	0	25	0
4th May 2011	1248.10	0	1132.02	0	973.40	895	847.28	0	25	0	25	0
5th May 2011	1248.07	0	1132	0	972.30	0	847.82	0	25	0	25	0
6th May 2011	1248.04	0	1131.97	0	972.40	328	847.73	0	25	0	25	0
7th May 2011	1248.01	0	1131.94	0	972.00	0	847.82	0	25	0	25	0
8th May 2011	1247.98	536	1131.92	0	972.10	0	847.66	0	25	0	25	0
9th May 2011	1247.91	465	1131.91	0	972.10	385	847.45	0	25	0	25	0
10th May 2011	1247.85	862	1131.89	0	971.50	193	847.99	0	25	0	25	0
Total in cusec days		**2774**		**0**		**1801**		**0**	**250**	**0**	**250**	**0**

Executive Engineer & TA to
Superintending Engineer,
Irrigation Circle, CAD, Kota.

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1993

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the month in Maf	Gain or loss in Maf Gain = (+) Loss = (-)
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge In Maf	Evaporation in Maf				
Jan.	978.20	0.05037	0.00000	0.41470	0.01958	0.43428		0.44471	0.00064	0.44535	972.9	0.03930	-0.01107
Feb.	971.20	0.03659	0.00000	0.42660	0.01113	0.43773		0.43627	0.00066	0.43692	971.70	0.03740	0.00080
March	971.40	0.03691	0.00000	0.36690		0.36690		0.03886	0.00104	0.03990	974.80	0.04325	0.32700
April	975.50	0.04465	0.00000	0.05290	0.00379	0.05669		0.04869	0.00165	0.05033	978.50	0.05101	0.00636
May	978.10	0.05014	0.00000	0.02050	0.00605	0.02655		0.02170	0.00241	0.02411	979.20	0.05257	0.00243
June	979.10	0.05234	0.00000	0.04960	0.03465	0.08425		0.09595	0.00185	0.09779	972.50	0.03880	-0.01354
July	971.60	0.03724	0.00000	0.09830		0.09830	0.00726	0.02266	0.00092	0.03084	972.50	0.03880	0.06746
Aug.	972.40	0.03861	0.79050	0.37070		1.16120		0.45568	0.00063	0.45631	978.00	0.04993	0.70489
Sept.	976.60	0.04685	0.05110	0.08330	0.00189	0.13629		0.13305	0.00085	0.13390	977.70	0.04924	0.00239
Oct.	978.30	0.05057	0.00000	0.21470	0.02583	0.24053		0.25185	0.00101	0.25286	977.20	0.03825	-0.01233
Nov.	971.00	0.03627	0.00000	0.39040	0.02655	0.41695		0.40566	0.00071	0.40637	976.60	0.04685	0.01058
Dec.	977.10	0.04787	0.00000	0.44910	0.00692	0.45602		0.45330	0.00066	0.45395	978.00	0.04993	0.00207
Total			**0.84160**	**2.93770**	**0.13639**	**3.91589**	**0.00726**	**2.80837**	**0.01300**	**2.82864**			**1.08705**

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1994

nth	Capacity at the Beginning of the month in Maf	Inflow to J S Dam: Gate discharge from R P S in Maf	Inflow to J S Dam: Machine discharge from R P S in Maf	Inflow to J S Dam: Local catchment in Maf	Total Inflow in Maf	Out flow from J S Dam: Gate discharge in Maf	Out flow from J S Dam: Machine discharge in Maf	Out flow from J S Dam: Evaporation in Maf	Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the month in Maf	Gain or loss in Maf Gain = (+) Loss = (-)
.10	0.05014	0.00000	0.36970	0.01606	0.38576		0.39314	0.00061	0.39374	974.20	0.04215	-0.00799
.50	0.04665	0.00000	0.37200	0.01565	0.38765		0.38113	0.00083	0.38196	979.10	0.05234	0.00569
.40	0.05080	0.00000	0.37140		0.37140		0.00000	0.00115	0.00115	973.40	0.04054	0.37025
.50	0.03708	0.00000	0.08860	0.00161	0.09021		0.07606	0.00152	0.07758	977.90	0.04970	0.01263
90	0.04970	0.00000	0.00690	0.00411	0.01101		0.01960	0.00213	0.02173	972.60	0.03898	-0.01072
80	0.03935	0.00000	0.03370	0.03175	0.06545		0.05717	0.00176	0.05893	976.10	0.04587	0.00652
00	0.04362	0.00040	0.16030	0.50409	0.66479	0.34875	0.31915	0.00098	0.66888	972.90	0.03953	-0.00409
60	0.04288	0.00130	0.36420	0.25510	0.62060	0.10086	0.51514	0.00063	0.61663	976.60	0.04685	0.00397
80	0.03935	0.00000	0.45460	0.17545	0.63005	0.05974	0.56796	0.00074	0.62844	973.60	0.04096	0.00161
60	0.03898	0.00000	0.49670	0.01330	0.51000		0.49570	0.00094	0.49664	979.10	0.05234	0.01336
10	0.05234	0.00000	0.46730	0.00146	0.46876		0.46989	0.00084	0.47073	978.20	0.05037	-0.00197
10	0.05234	0.00000	0.57660	0.00434	0.58094		0.58518	0.00067	0.58585	976.90	0.04743	-0.00491
		0.00170	**3.76200**	**1.02291**	**4.78661**	**0.50934**	**3.88012**	**0.01280**	**4.40226**			**0.38435**

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1995

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow	Out flow from J S Dam			Total Out flow	Level at the Endof The month	Capacity at the End of the month	Gain or loss in Maf Gain = (+)
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	in Maf	Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	in Maf	in ft.	in Maf	Loss = (-)
Jan.	978.40	0.05080	0.00000	0.49740	0.01302	0.51042		0.50844	0.00067	0.50911	979.00	0.05211	0.00131
Feb.	979.40	0.05303	0.00000	0.42980	0.02249	0.45229		0.45233	0.00088	0.45321	979.00	0.05211	-0.00092
March	979.10	0.05234	0.00000	0.46770	0.02750	0.49520		0.50951	0.00112	0.51063	971.40	0.03691	-0.01543
April	971.80	0.03756	0.00000	0.13070	0.00216	0.13286		0.12472	0.00146	0.12618	975.30	0.04424	0.00668
May	974.50	0.04270	0.00000	0.12140	0.00467	0.12607		0.11937	0.00216	0.12152	976.80	0.04725	0.00455
June	975.50	0.04465	0.00000	0.23840	0.02219	0.26059		0.25653	0.00186	0.25839	976.60	0.04685	0.00220
July	977.00	0.04764	0.00000	0.15790	0.17706	0.33496	0.01271	0.32934	0.00102	0.34306	972.90	0.03953	-0.00810
Aug.	973.30	0.04034	0.00000	0.08320	0.21114	0.29434	0.04444	0.25049	0.00058	0.29551	972.70	0.03916	-0.00117
Sept.	973.30	0.04034	0.00000	0.48550	0.12475	0.61025	0.03895	0.56458	0.00079	0.60432	976.30	0.04626	0.00592
Oct.	976.30	0.04626	0.00000	0.51300		0.51300		0.51323	0.00090	0.51413	972.90	0.03953	-0.00113
Nov.	976.10	0.04587	0.00000	0.48090	0.00294	0.48384		0.49208	0.00070	0.49279	971.40	0.03691	-0.00895
Dec.	971.80	0.03756	0.00000	0.56480	0.00536	0.57016		0.55788	0.00059	0.55847	977.70	0.04924	0.01169
Total			**0.00000**	**4.17070**	**0.61328**	**4.78398**	**0.09610**	**4.67851**	**0.01273**	**4.78734**			**-0.00336**

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1996

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the month in Maf
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	977.50	0.04878	0.00000	0.53340	0.00515	0.53855		0.54347	0.00061	0.54408	974.80	0.0432
Feb.	977.40	0.04855	0.00000	0.47370	0.00639	0.48009		0.48929	0.00074	0.49003	972.40	0.038
March	972.70	0.03916	0.00000	0.34700	0.01250	0.35950		0.36182	0.00099	0.36281	970.70	0.035
April	970.50	0.03558	0.00000	0.18470	0.00622	0.19092		0.17958	0.00145	0.18102	975.90	0.045
May	974.80	0.04325	0.00000	0.24950	0.02148	0.27098		0.26724	0.00212	0.26937	975.60	0.044
June	977.80	0.04947	0.00000	0.13660	0.00033	0.13693		0.14690	0.00178	0.14868	971.90	0.037
July	972.00	0.03788	0.00040	0.17620	0.13721	0.31381	0.00530	0.30776	0.00091	0.31397	971.90	0.037
Aug.	972.10	0.03806	1.22040	0.34350	0.92812	2.49202	1.97266	0.51239	0.00059	2.48564	975.40	0.044
Sept.	975.10	0.04362	1.39260	0.62510		2.01770	0.87690	0.64494	0.00076	1.52259	972.20	0.038
Oct.	972.50	0.03880	0.00000	0.46440	0.01227	0.47667		0.47658	0.00083	0.47740	972.10	0.038
Nov.	973.30	0.04034	0.00000	0.44450	0.00630	0.45080		0.44773	0.00071	0.44843	974.50	0.042
Dec.	974.50	0.04270	0.00000	0.51470	0.00189	0.51659		0.51654	0.00060	0.51714	975.40	0.042
Total			2.61340	4.49330	1.13785	8.24455	2.85486	4.89423	0.01209	7.76117		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1997

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Cap at th of th in M
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	977.60	0.04901	0.00000	0.49510	0.12477	0.61987		0.62038	0.00064	0.62101	977.1	
Feb.	977.80	0.04947	0.00000	0.47020	0.00111	0.47131		0.46981	0.00083	0.47064	978.10	
March	977.10	0.04832	0.00000	0.45820		0.45820		0.46286	0.00109	0.46395	971.90	
April	971.10	0.03643	0.00000	0.21790		0.21790		0.07646	0.00145	0.07791	975.50	
May	975.60	0.04486	0.00000	0.19110		0.19110		0.18057	0.00218	0.18275	976.30	
June	976.30	0.04626	0.00000	0.22010	0.04570	0.26580		0.27169	0.00175	0.27345	972.40	
July	972.10	0.03806	0.00000	0.34630	0.04684	0.39314		0.39306	0.00091	0.39397	971.60	
Aug.	972.60	0.03898	0.00000	0.12690	0.13435	0.26125	0.00857	0.25211	0.00057	0.26125	972.60	
Sept.	972.60	0.03898	0.00000	0.19910	0.08950	0.28860		0.28861	0.00072	0.28933	972.20	
Oct.	971.90	0.03772	0.00000	0.33590	0.01994	0.35584		0.35487	0.00082	0.35568	972.00	
Nov.	972.30	0.03843	0.00000	0.38900	0.01017	0.39917		0.39513	0.00069	0.39582	974.00	
Dec.	972.90	0.03953	0.00000	0.27440	0.01455	0.28895		0.28366	0.00058	0.28424	975.30	
Total			**0.00000**	**3.72420**	**0.48693**	**4.21113**	**0.00857**	**4.04921**	**0.01223**	**4.07001**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow	Out flow from J S Dam			Total Out flow
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	in Maf	Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	in Maf
Jan.	976.10	0.04587	0.00000	0.46880	0.00194	0.47074		0.47094	0.00060	0.47155
Feb.	974.20	0.04215	0.00000	0.43230	0.01104	0.44334		0.44543	0.00071	0.44614
March	972.50	0.03880	0.00000	0.45160	0.00092	0.45252		0.44831	0.00105	0.44936
April	973.50	0.04075	0.00000	0.26160	0.00397	0.26557		0.26078	0.00151	0.26229
May	975.00	0.04362	0.00000	0.37560	0.01783	0.39343		0.38536	0.00221	0.38757
June	977.10	0.04787	0.00000	0.21860		0.21860		0.22222	0.00183	0.22404
July	973.90	0.04157	0.00000	0.12160	0.06535	0.18695		0.18784	0.00096	0.18881
Aug.	973.70	0.04116	0.00000	0.17580	0.03152	0.20732		0.20632	0.00060	0.20691
Sept.	973.30	0.04034	0.00000	0.25660	0.07905	0.33565		0.33449	0.00075	0.3352
Oct.	972.10	0.03806	0.00000	0.21610	0.04500	0.26110		0.25898	0.00083	0.2598
Nov.	972.70	0.03916	0.00000	0.41330	0.00437	0.41767		0.41288	0.00070	0.4135
Dec.	974.00	0.04178	0.00000	0.44500		0.44500		0.43263	0.00062	0.4332
Total			**0.00000**	**3.83690**	**0.26099**	**4.09789**		**4.06617**	**0.01237**	**4.0785**

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 1

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level a the End The m in ft.
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf		
Jan.	977.50	0.04878	0.00000	0.49740		0.49740		0.42650	0.00062	0.42712	97
Feb.	976.50	0.04665	0.00000	0.42980		0.42980		0.40277	0.00081	0.40357	97
March	978.70	0.05145	0.00000	0.46770		0.46770		0.45146	0.00127	0.45273	97
April	978.80	0.05168	0.00000	0.13070	0.11243	0.24313		0.24850	0.00166	0.25015	97
May	975.50	0.04465	0.00000	0.12140	0.02960	0.15100		0.14927	0.00214	0.15141	97
June	975.40	0.04444	0.00000	0.23840		0.23840		0.21621	0.00190	0.21811	97
July	977.70	0.04924	0.00000	0.15790	0.33420	0.49210	0.11850	0.38283	0.00102	0.50236	97
Aug.	972.90	0.03953	0.00000	0.08320	0.25992	0.34312		0.34010	0.00059	0.34069	974
Sept.	974.40	0.04252	0.00000	0.48550		0.48550		0.17269	0.00082	0.17351	97
Oct.	975.70	0.04506	0.00000	0.51300		0.51300		0.29155	0.00098	0.29254	97
Nov.	978.90	0.05188	0.00000	0.48090		0.48090		0.24009	0.00085	0.24094	97
Dec.	978.30	0.05057	0.00000	0.56480		0.56480		0.40320	0.00067	0.40387	97
Total			**0.00000**	**4.17070**	**0.73615**	**4.90685**	**0.11850**	**3.72518**	**0.01332**	**3.85700**	

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2000

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Ca at of in
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	977.80	0.04947	0.00000	0.38000		0.38000		0.34530	0.00066	0.34596	979.10	
Feb.	978.10	0.05014	0.00000	0.38320	0.00254	0.38574		0.38423	0.00084	0.38507	978.40	
March	979.10	0.05234	0.00000	0.40570		0.40570		0.39276	0.00130	0.39406	979.10	
April	979.40	0.05303	0.00000	0.15110		0.15110		0.14309	0.00185	0.14494	979.80	
May	979.70	0.05372	0.00000	0.02000	0.00528	0.02528		0.02439	0.00250	0.02689	979.00	
June	978.60	0.05124	0.00000	0.03270	0.00801	0.04071		0.04230	0.00202	0.04432	977.90	
July	976.60	0.04646	0.00000	0.03820	0.22755	0.26575	0.12831	0.14355	0.00100	0.27286	972.80	
Aug.	972.40	0.03861	0.00000	0.03410	0.02241	0.05651		0.04480	0.00062	0.04542	977.90	
Sept.	978.00	0.04993	0.00000	0.05930	0.01187	0.07117		0.07400	0.00085	0.07485	976.30	
Oct.	975.50	0.04465	0.00000	0.30470		0.30470		0.04738	0.00094	0.04832	976.10	
Nov.	976.60	0.04685	0.00000	0.41460	0.00128	0.41588		0.41531	0.00077	0.41608	976.50	
Dec.	977.00	0.04764	0.00000	0.15280	0.95100	1.10380		1.11008	0.00060	1.11068	973.50	
Total			**0.00000**	**2.37640**	**1.22994**	**3.60634**	**0.12831**	**3.16720**	**0.01395**	**3.30946**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2001

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam: Gate discharge from R P S in Maf	Inflow to J S Dam: Machine discharge from R P S in Maf	Inflow to J S Dam: Local catchment in Maf	Total Inflow in Maf	Out flow from J S Dam: Gate discharge in Maf	Out flow from J S Dam: Machine discharge in Maf	Out flow from J S Dam: Evaporation in Maf	Total Out flow in Maf	Level at the Endof The month in ft.	C a o i
Jan.	971.50	0.03708	0.00000	0.02180	0.00347	0.02527		0.02086	0.00054	0.02139	973.60	
Feb.	973.70	0.04116	0.00000	0.00900	0.00209	0.01109		0.00864	0.00073	0.00937	974.60	
March	974.60	0.04288	0.00000	0.00870	0.00683	0.01553		0.01223	0.00112	0.01335	975.70	
April	975.40	0.04444	0.00000	0.01390		0.01390		0.01214	0.00156	0.01370	975.40	
May	975.50	0.04465	0.00000	0.01560	0.00951	0.02511		0.02495	0.00211	0.02706	974.50	
June	974.60	0.04288	0.00000	0.03200	0.04308	0.07508		0.07214	0.00179	0.07393	975.20	
July	975.30	0.04424	0.00000	0.00060	0.33563	0.33623	0.21397	0.12334	0.00101	0.33832	974.20	
Aug.	974.30	0.04233	0.00000	0.02810	0.11226	0.14036		0.13659	0.00062	0.13721	975.90	
Sept.	975.90	0.04548	0.00000	0.19550	0.00897	0.20447		0.20386	0.00082	0.20468	975.80	
Oct.	974.90	0.04343	0.00000	0.18960	0.01131	0.20091		0.19785	0.00092	0.19878	975.90	
Nov.	976.70	0.04750	0.00000	0.37280		0.37280		0.37026	0.00075	0.37102	974.80	
Dec.	975.20	0.04403	0.00000	0.44150		0.44150		0.43624	0.00060	0.43684	975.30	
Total			**0.00000**	**1.32910**	**0.53315**	**1.86225**	**0.21397**	**1.61910**	**0.01257**	**1.84564**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2002

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Ca at of in
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	975.40	0.04444	0.00000	0.42200		0.42200		0.38938	0.00060	0.38998	976.50	
Feb.	975.70	0.04506	0.00000	0.41220		0.41220		0.03314	0.00079	0.03393	977.60	
March	977.70	0.04924	0.00000	0.45400		0.45400		0.00503	0.00119	0.00622	976.40	
April	976.50	0.04665	0.00000	0.24040		0.24040		0.01262	0.00157	0.01418	974.50	
May	974.70	0.04307	0.00000	0.14870		0.14870		0.01797	0.00211	0.02007	975.20	
June	975.20	0.04403	0.00000	0.19130		0.19130		0.01695	0.00176	0.01872	973.80	
July	973.70	0.04116	0.00000	0.25680		0.25680		0.00809	0.00098	0.00907	974.30	
Aug.	974.30	0.04233	0.00000	0.25790		0.25790	0.02190	0.05443	0.00065	0.07699	978.70	
Sept.	978.60	0.05124	0.00000	0.15660		0.15660		0.00610	0.00091	0.00701	978.70	
Oct.	976.80	0.05168	0.00000	0.27670		0.27670		0.01172	0.00100	0.01272	976.30	
Nov.	976.30	0.04626	0.00000	0.25680		0.25680		0.00740	0.00084	0.00824	977.00	
Dec.	977.00	0.04764	0.00000	0.39640		0.39640		0.01377	0.00065	0.01442	977.90	
Total			**0.00000**	**3.46980**	**0.00000**	**3.46980**	**0.02190**	**0.57660**	**0.01305**	**0.51156**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2003

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf		
Jan.	977.90	0.04970	0.00000	0.00129	0.00186	0.00315		0.00139	0.00066	0.00205	978.40
Feb.	978.40	0.05080	0.00000	0.00688	0.00420	0.01108		0.01273	0.00083	0.01356	977.30
March	977.30	0.04832	0.00000	0.00201	0.00247	0.00448		0.00419	0.00119	0.00538	976.90
April	976.90	0.04743	0.00000	0.05009		0.05009		0.04637	0.00165	0.04801	977.10
May	977.20	0.04809	0.00000	0.08067	0.00463	0.08530		0.08389	0.00225	0.08615	976.80
June	976.70	0.04750	0.00000	0.04444	0.02127	0.06571		0.06526	0.00188	0.06714	976.20
July	976.20	0.04607	0.00000	0.00000	0.05266	0.05266		0.05303	0.00105	0.05408	975.50
Aug.	975.00	0.04362	0.00000	0.00000	0.04356	0.04356		0.04148	0.00063	0.04211	975.70
Sept.	975.20	0.04403	0.00000	0.00000	0.08538	0.08538		0.08072	0.00082	0.08154	977.10
Oct.	976.50	0.04665	0.00000	0.05744	0.01068	0.06812		0.06408	0.00098	0.06506	977.90
Nov.	978.40	0.05080	0.00000	0.44920	0.01813	0.46733		0.46923	0.00081	0.47004	977.20
Dec.	977.90	0.04970	0.00000	0.49324		0.49324		0.46292	0.00067	0.46360	978.60
Total			**0.00000**	**1.18526**	**0.24483**	**1.43009**		**1.38529**	**0.01343**	**1.39872**	

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2004

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Ca at t of t in M
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	978.80	0.05168	0.00000	0.24426	0.12616	0.37042		0.37970	0.00061	0.38031	974.00	
Feb.	975.80	0.04527	0.00000	0.11129	0.00137	0.11266		0.11069	0.00078	0.11147	976.40	
March	976.40	0.04646	0.00000	1.23679		1.23679		0.06849	0.00121	0.06970	978.50	
April	978.50	0.05101	0.00000	0.00082	0.00478	0.00560		0.00828	0.00168	0.00996	976.50	
May	976.30	0.04626	0.00000	0.01433		0.01433		0.01564	0.00210	0.01774	973.50	
June	974.00	0.04178	0.00000	0.00288	0.00440	0.00728		0.01129	0.00164	0.01293	970.90	
July	970.90	0.03613	0.00000	0.00000	0.04238	0.04238		0.02782	0.00100	0.02882	977.90	
Aug.	976.70	0.04704	0.00000	0.00000	0.40726	0.40726						
Sept.	973.30	0.04233	0.00000	0.32037		0.32037	0.19405	0.21692	0.00063	0.41160	974.50	
Oct.	975.70	0.04506	0.00000	0.36040		0.36040		0.27639	0.00078	0.27718	975.90	
Nov.	977.70	0.04924	0.00000	0.39172		0.39172		0.27221	0.00096	0.27317	977.30	
Dec.	977.10	0.04787	0.00000	0.45288	0.03886	0.49174		0.34753	0.00082	0.34835	978.10	
Total			0.00000	3.13574	0.62521	3.76095	0.19405	2.22354	0.01287	2.43046		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2005

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Cap at th of th in M
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	976.20	0.04607	0.00000	0.43955	0.00560	0.44515		0.44508	0.00006	0.44515	976.20	
Feb.	976.60	0.04685	0.00000	0.36317	0.01427	0.37744		0.37586	0.00079	0.37666	977.00	
March	976.90	0.04743	0.00000	0.28329		0.28329		0.28673	0.00114	0.28786	974.40	
April	974.80	0.04325	0.00000	0.00827	0.00683	0.01510		0.00934	0.00159	0.01092	976.90	
May	977.00	0.04764	0.00000	0.00792	0.00724	0.01515		0.01149	0.00228	0.01378	977.60	
June	977.30	0.04832	0.00000	0.01866	0.00559	0.02425		0.02562	0.00188	0.02751	975.70	
July	976.10	0.04587	0.00000	0.02785	0.05024	0.07809		0.07824	0.00105	0.07929	975.50	
Aug.	975.30	0.04424	0.00000	0.07443	0.02499	0.09942		0.09515	0.00065	0.09579	977.10	
Sept.	975.90	0.04548	0.00000	0.02125	0.23736	0.25861		0.25904	0.00081	0.25985	975.30	
Oct.	975.80	0.04506	0.00000	0.24879	0.00935	0.25815		0.25679	0.00094	0.25773	975.90	
Nov.	976.50	0.04665	0.00000	0.38663	0.06225	0.44888		0.45053	0.00076	0.45129	975.30	
Dec.	976.10	0.04587	0.00000	0.12456	0.15160	0.27615		0.27214	0.00064	0.27278	977.70	
Total			**0.00000**	**2.00435**	**0.57533**	**2.57967**		**2.56602**	**0.01258**	**2.57860**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2006

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the month in Maf
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	978.40	0.05080	0.00000	0.46500	0.01234	0.47734		0.48284	0.00062	0.48347	975.50	0.0446
Feb.	976.20	0.04607	0.00000	0.36106	0.02996	0.39102		0.38985	0.00078	0.39063	976.40	0.0464
March	976.50	0.04665	0.00000	0.00000	0.00541	0.00541		0.00710	0.00114	0.00824	975.10	0.0438
April	975.20	0.04403	0.00000	0.01790	0.00575	0.02366		0.01799	0.00160	0.01959	977.20	0.048
May	977.30	0.04832	0.00000	0.00411	0.00204	0.00615		0.00698	0.00222	0.00920	975.80	0.045
June	975.80	0.04527	0.00000	0.00593	0.01078	0.01672		0.01131	0.00189	0.01320	977.50	0.048
July	977.80	0.04947	0.00000	0.00000	0.07790	0.07790	0.04745	0.03236	0.00109	0.08091	976.40	0.046
Aug.	976.90	0.04743	1.77256	0.15901	0.54064	2.47221	2.07002	0.39793	0.00068	2.46863	978.50	0.051
Sept.	977.10	0.04787	3.62522	0.51474		4.13996	2.61266	0.48888	0.00085	3.10239	977.20	0.048
Oct.	977.40	0.04855	0.00000	0.46290	0.00498	0.46788		0.47166	0.00095	0.47261	975.10	0.043
Nov.	974.50	0.04270	0.00000	0.48955		0.48955		0.47568	0.00075	0.47643	976.50	0.046
Dec.	976.50	0.04665	0.00000	0.16734	0.31544	0.48278		0.48024	0.00064	0.48088	977.40	0.048
Total			**5.39778**	**2.64755**	**1.00525**	**9.05058**	**4.73013**	**3.26282**	**0.01323**	**8.00618**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2007

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf	Total Inflow in Maf	Out flow from J S Dam Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf	Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the mon in Maf
Jan.	977.00	0.04764	0.00000	0.53364		0.53364		0.48784	0.00062	0.48846	976.50	0.046
Feb.	976.80	0.04725	0.00000	0.31807	0.01708	0.33515		0.33593	0.00078	0.33671	976.00	0.045
March	972.50	0.03880	0.00000	0.23893	0.05270	0.29163		0.27937	0.00112	0.28049	978.00	0.049
April	977.40	0.04855	0.00000	0.14484		0.14484		0.14235	0.00163	0.14397	975.90	0.0454
May	975.70	0.04506	0.00000	0.18274	0.01429	0.19703		0.19613	0.00214	0.19827	975.10	0.043
June	975.50	0.04467	0.00000	0.36823	0.02376	0.39199		0.38777	0.00186	0.38963	976.70	0.047
July	976.70	0.04695	0.00000	0.64572	0.14545	0.79117	0.11640	0.67137	0.00110	0.78887	977.70	0.0492
Aug.	978.10	0.05014	0.00000	0.24448	0.05577	0.30025		0.30859	0.00064	0.30923	973.70	0.0411
Sept.	975.10	0.04385	0.00000	0.31261	0.03192	0.34452		0.34188	0.00081	0.34269	976.00	0.0456
Oct.	975.90	0.04548	0.00000	0.03973	0.30133	0.34105		0.33912	0.00095	0.34007	976.40	0.0464
Nov.	976.10	0.04587	0.00000	0.40539	0.01674	0.42213		0.42137	0.00076	0.42213	976.10	0.0458
Dec.	975.20	0.04403	0.00000	0.40576	0.00091	0.40667		0.40759	0.00060	0.40819	974.40	0.0425
Total			**0.00000**	3.84014	**0.65994**	4.50007	**0.11640**	**4.31930**	**0.01300**	**4.44870**		

JAWAHAR SAGAR DAM

Details Of Monthly Water Account Year 2008

Month	Level at the Beginning of The month in ft.	Capacity at the Beginning of the month in Maf	Inflow to J S Dam			Total Inflow in Maf	Out flow from J S Dam			Total Out flow in Maf	Level at the Endof The month in ft.	Capacity at the End of the mont in Maf
			Gate discharge from R P S in Maf	Machine discharge from R P S in Maf	Local catchment in Maf		Gate discharge in Maf	Machine discharge in Maf	Evaporation in Maf			
Jan.	975.10	0.04382	0.00000	0.45140	0.00154	0.45294		0.44852	0.00061	0.44913	977.00	0.047
Feb.	977.40	0.04855	0.00000	0.42360		0.42360		0.41511	0.00081	0.41592	977.00	0.047
March	977.50	0.04878	0.00000	0.37960	0.00399	0.38359		0.38122	0.00122	0.38244	978.00	0.049
April	977.60	0.04901	0.00000	0.09000		0.09000		0.08864	0.00160	0.09024	974.80	0.043
May	974.80	0.04325	0.00000	0.00220	0.01337	0.01557		0.00692	0.00221	0.00912	977.90	0.049
June	977.80	0.04947	0.00000	0.34270		0.34270		0.28618	0.00188	0.28806	975.10	0.043
July	975.20	0.04403	0.00000	0.11170	0.04731	0.15901		0.15613	0.00104	0.15717	976.10	0.045
Aug.	975.40	0.04444	0.00000	0.01390	0.08794	0.10184		0.10037	0.00064	0.10101	976.80	0.0452
Sept.	975.40	0.04444	0.00000	0.04450	0.04647	0.09097		0.08579	0.00083	0.08663	977.50	0.0487
Oct.	977.40	0.04855	0.00000	0.06280	0.02176	0.08456		0.08984	0.00094	0.09078	974.30	0.0423
Nov.	974.10	0.04197	0.00000	0.52350		0.52350		0.48508	0.00076	0.48584	977.60	0.0490
Dec.	977.30	0.04832	0.00000	0.04750	0.43886	0.48636		0.48502	0.00065	0.48567	977.60	0.0490
Total			**0.00000**	**2.49340**	**0.66124**	**3.15464**		**3.02883**	**0.01319**	**3.04203**		

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JAWAHAR SAGAR DAM.

MONTHLY WATER ACCOUNT 2009

Month	Level at the Beginnihg of The month	Capacity at the Bebinning of the month	Inflow to TO JS			Total Inflow	Out flow from JS			Total Out fl
			Gate discharge from RPS	Machine discharge from RPS	Local catchment		Gate discharge	Machine discharge	Evaporation	
	in ft.	in Maf	in Maf	in'Maf	ini Maf	in'Maf	in Maf	in Maf	in Maf	inl Maf
Jan.	978.60	0.05212	0.00000	0.40030		0.40030		0.41518	0.00062	0.4157
Feb.	978.20	0.05086	0.00000	0.12111		0.12111		0.12477	0.00081	0.1255
March	978.60	0.05212	0.00000	0.00380		0.00380		0.00993	0.00112	0.0110
April	977.60	0.04901	0.00000	0.00000		0.00000		0.00849	0.00160	0.0100
May	974.80	0.04325	0.00000	0.00750		0.00750		0.01462	0.00221	0.0168
June	974.50	0.04269	0.00000	0.00680		0.00680		0.00819	0.00172	0.0099
July	976.60	0.04685	0.00000	0.00010	0.09024	0.09034	0.00897	0.08348	0.00100	0.0934
Aug.	**975.5**	**0.04465**	**0.00000**	**0.00000**	**0.01295**	**0.01296**	**0.00000**	**0.01541**	**0.00068**	**0.0160**
Sept.	978.4	0.0508	0	0.0051	0.01391	0.01901	0	0.025002	0.0007	0.025
Oct.	974.5	0.04269	0	0.0111	0.11072	0.12182		0.120789	0.0009	0.121
Nov.	975.1	0.04382	0	0.2526	0.10768	0.36028		0.266541	0.00072	0.267
Dec.	977	0.04763	0	0.3617	0.04584	0.40754		0.405297	0.00064	0.405
			0	1.17011	0.38134	1.55145	0.00896895	1.49769218	0.012716	1.519

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF DECEMBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	28.61	11.32	37.76	77.69	63.07	-14.62	7.77	-6.85	12.160	14.90	-19.01
	II	8.80	5.29	31.86	45.95	85.45	39.50	4.60	44.10	66.03	139.16	-21.94
	III	3.07	3.56	24.12	30.75	119.54	88.79	3.08	91.87	88.53	353.61	3.34
1978	I	31.80	7.50	28	67.30	121.46	54.16	6.73	60.89	13.76	8.17	52.72
	II	10.35	6.98	22.52	39.85	88.87	49.02	3.99	53.01	16.37	8.66	44.35
	III	6.09	4.92	13.01	24.02	91.43	67.41	2.40	69.81	38.19	14.09	55.72
1979	I	12.23	1.59	40.67	54.49	146.75	92.26	5.45	97.71	29.25	13.01	84.70
	II	1.77	1.08	21.81	24.66	128.08	103.42	2.47	105.89	144.68	104.01	1.88
	III	1.04	0.74	12.67	14.45	172.59	158.14	1.45	159.59	106.11	115.26	53.48
1980	I	0.31	0.66	7.37	8.34	27.52	19.18	0.83	20.01	0.00	2.48	20.01
	II	0.03	0.45	10.41	10.89	21.64	10.75	1.09	11.84	0.00	2.18	11.84
	III	0.00	0.15	18.09	18.24	29.06	10.82	1.82	12.64	0.00	1.94	12.64
1981	I	0.82	0.32	6.9	8.04	30.50	22.46	0.80	23.26	0.00	11.28	23.26
	II	0.36	0.21	6.89	7.46	26.78	19.32	0.75	20.07	9.31	17.88	10.76
	III	4.70	0.54	6.9	12.14	37.10	24.96	1.21	26.17	5.73	18.15	20.44
1982	I	7.91	4.66	19.22	31.79	71.14	39.35	3.18	42.53	0.59	5.96	41.94
	II	4.23	3.14	13.83	21.20	69.89	48.69	2.12	50.81	14.24	10.73	40.08
	III	2.59	2.16	12.05	16.80	114.21	97.41	1.68	99.09	36.25	48.19	62.84
1983	I	1.86	33.05	9.66	44.57	62.66	18.09	4.46	22.55	0.00	23.40	22.55
	II	0.95	31.61	6.69	39.25	41.63	2.38	3.93	6.31	31.90	24.00	-17.70
	III	2.35	2.12	6.98	11.45	71.14	59.69	1.15	60.84	69.64	80.75	-8.81
1984	I	2.63	1.92	13.72	18.27	127.64	109.37	1.83	111.20	128.19	135.48	-16.99
	II	2.21	1.46	12.04	15.71	124.83	109.12	1.57	110.69	129.42	137.51	-18.73
	III	2.00	1.00	17.99	20.99	147.89	126.90	2.10	129.00	108.81	179.67	20.19
1985	I	10.06	8.69	30.26	49.01	71.96	22.95	4.90	27.85	0.00	15.57	27.85
	II	4.11	5.49	29.98	39.58	80.83	41.25	3.96	45.21	0.00	23.66	45.21
	III	1.90	4.55	25.66	32.11	72.43	40.32	3.21	43.53	0.13	10.37	43.40

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1986	I	0.84	1.67	16.10	18.61	105.96	87.35	1.86	89.21	3.16	68.14	86.05
	II	0.64	1.64	15.33	17.61	136.77	119.16	1.76	120.92	101.80	114.00	19.12
	III	0.44	1.45	15.77	17.66	169.03	151.37	1.77	153.14	128.72	133.52	24.42
1987	I	1.76	2.65	21.36	25.77	76.97	51.20	2.58	53.78	0.00	8.32	53.78
	II	1.57	2.74	43.43	47.74	120.46	72.72	4.77	77.49	0.00	12.54	77.49
	III	0.75	2.40	20.22	23.37	81.28	57.91	2.34	60.25	0.00	9.59	60.25
1988	I	0.37	1.99	18.66	20.79	72.86	52.07	2.08	54.15	0.00	21.45	54.15
	II	0.14	1.52	37.04	38.56	104.60	66.04	3.86	69.90	0.00	20.84	69.90
	III	0.00	0.63	24.65	25.28	95.09	69.81	2.53	72.34	0.00	26.84	72.34
1989	I	0.00	0.00	26.05	26.05	70.79	44.74	2.61	47.35	0.00	37.19	47.35
	II	0.00	0.00	27.18	27.18	89.57	62.39	2.72	65.11	0.00	40.13	65.11
	III	0.00	0.00	28.03	32.91	93.87	60.96	3.29	64.25	0.00	38.14	64.25
1990	I	4.88	2.34	25.07	29.64	92.16	62.52	2.96	65.48	0.00	24.09	65.48
	II	2.23	2.44	25.28	29.05	94.31	65.26	2.91	68.17	0.00	22.81	68.17
	III	1.33	1.91	27.71	29.62	99.48	69.86	2.96	72.82	0.00	19.55	72.82
1991	I	0.00	0.94	18.97	19.91	85.15	65.24	1.99	67.23	0.00	4.29	67.23
	II	0.00	0.37	23.39	23.76	85.34	61.58	2.38	63.96	0.00	9.48	63.96
	III	0.00	0.13	21.23	22.35	92.13	69.78	2.24	72.02	0.00	14.61	72.02
1992	I	0.99	1.53	9.98	12.50	76.15	63.65	1.25	64.90	0.00	18.84	64.90
	II	0.12	0.43	6.69	7.24	77.14	69.90	0.72	70.62	0.00	29.72	70.62
	III	0.00	0.13	7.36	7.49	83.27	75.78	0.75	76.53	0.00	25.68	76.53
1993	I	0.88	1.35	8.95	11.18	81.11	69.93	1.12	71.05	0.00	12.70	71.05
	II	0.08	1.15	10.54	11.77	73.34	61.57	1.18	62.75	0.00	21.01	62.75
	III	0.00	1.02	7.19	8.21	69.52	61.31	0.82	62.13	0.00	25.73	62.13
1994	I	0.60	0.83	7.62	9.05	62.17	53.12	0.91	54.03	14.30	48.22	39.73
	II	0.05	0.78	7.78	8.61	74.10	65.49	0.86	66.35	75.02	58.88	18.13
	III	0.00	0.72	8.19	8.91	78.59	69.68	0.89	70.57	12.76	42.79	11.69
1995	I	0.00	0.54	12.37	12.91	91.75	78.84	1.29	80.13	4.49	27.01	67.37
	II	0.00	0.25	14.00	14.25	91.51	77.26	1.43	78.69	31.260	47.78	74.20
	III	0.00	0.08	19.38	19.46	92.97	73.51	1.95	75.46	34.47	51.50	44.20
1996	I	2.47	2.58	12.06	17.11	70.23	53.12	1.71	54.83	1.80	11.70	20.36
	II	0.88	1.32	14.54	16.74	77.24	60.50	1.67	62.17	7.63	5.37	60.37
	III	0.02	1.28	14.59	15.89	69.18	53.29	1.59	54.88	0.00	5.83	49.51
1997	I	384.60	255.30	573.80	1213.70	847.80	-365.80	121.37	-244.43	1.35	104.50	-244.43
	II	175.40	99.57	276.10	551.07	613.90	62.83	55.11	117.94	44.37	56.99	116.59
	III	78.46	45.31	105.10	228.87	241.60	12.73	22.89	35.62	88.02	11.39	-8.75

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1998	I	4.03	2.68	10.90	17.61	39.96	22.35	1.76	24.11	2.67	34.90	12.72
	II	1.85	0.39	13.85	16.09	36.97	20.88	1.61	22.49	0.30	33.55	19.82
	III	1.51	0.03	16.36	17.90	43.30	25.40	1.79	27.19	0.00	34.54	26.89
1999	I	5.12	1.20	42.46	48.78	75.06	26.28	4.88	31.16	78.14	95.35	31.16
	II	2.69	0.49	40.75	43.93	105.90	61.97	4.39	66.36	55.60	167.50	-11.77
	III	0.81	0.23	38.93	39.97	38.19	-1.78	4.00	2.22	0.00	36.44	-53.39
2000	I	0.00	0.00	73.54	73.54	27.92	-45.62	7.35	-38.27	0.00	27.51	-38.27
	II	0.00	0.00	56.83	56.83	13.16	-43.67	5.68	-37.99	0.00	19.81	-37.99
	III	0.00	0.00	53.11	53.11	8.75	-44.36	5.31	-39.05	0.00	21.30	-39.05
2001	I	0.00	0.00	19.63	19.63	23.25	3.62	1.96	5.58	0.00	38.74	5.58
	II	0.00	0.00	18.91	18.91	27.38	8.47	1.89	10.36	0.00	28.71	10.36
	III	0.00	0.00	18.84	18.84	27.84	9.00	1.88	10.88	0.00	10.44	10.88
2002	I	0.00	0.00	34.02	34.02	0.66	-33.36	3.40	-29.96	0.00	2.16	-29.96
	II	0.00	0.00	32.68	32.68	0.62	-32.06	3.27	-28.79	0.00	2.13	-28.79
	III	0.00	0.00	23.38	23.38	0.73	-22.65	2.34	-20.31	0.00	2.29	-20.31
2003	I	0.00	0.00	91.42	91.42	25.20	-66.22	9.14	-57.08	0.00	23.12	-57.08
	II	0.00	0.00	92.25	92.25	29.08	-63.17	9.23	-53.95	0.00	28.55	-53.95
	III	0.00	0.00	78.72	78.72	31.15	-47.57	7.87	-39.70	0.00	30.56	-39.70
2004	I	0.00	0.00	7.10	7.10	31.29	24.19	0.71	24.90	0.00	18.70	24.90
	II	0.00	0.00	7.50	7.50	32.55	25.05	0.75	25.80	0.00	26.25	25.80
	III	0.00	0.00	6.95	6.95	30.77	23.82	0.70	24.52	0.00	40.04	24.52

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF NOVEMBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	11.25	7.00	38.39	56.64	117.52	60.88	5.66	66.54	37.890	84.97	28.65
	II	4.06	4.61	41.66	50.33	125.68	75.35	5.03	80.38	46.21	124.68	34.17
	III	2.86	3.21	40.74	46.81	104.66	57.85	4.68	62.53	29.54	103.14	32.99
1978	I	8.06	4.31	22.19	34.56	78.62	44.06	3.46	47.52	10.08	8.05	39.47
	II	1.83	3.47	20.56	25.86	76.48	50.62	2.59	53.21	2.79	2.74	50.47
	III	1.80	3.32	16.86	21.98	66.90	44.92	2.20	47.12	10.10	5.45	41.67
1979	I	0.78	0.80	5.18	6.76	51.37	44.61	0.68	45.29	0.00	0.00	45.29
	II	0.75	0.62	11.33	12.70	72.19	59.49	1.27	60.76	1.17	0.31	60.45
	III	1.72	0.70	34.69	37.11	239.08	201.97	3.71	205.68	30.58	21.23	184.45
1980	I	1.36	1.93	14.32	17.61	74.12	56.51	1.76	58.27	0.00	2.37	58.27
	II	0.91	1.26	18.27	20.44	75.19	54.75	2.04	56.79	0.00	2.68	56.79
	III	0.52	0.87	15.7	17.09	68.71	51.62	1.71	53.33	0.00	2.44	53.33
1981	I	12.66	4.28	31	47.94	95.51	47.57	4.79	52.36	0.00	12.65	52.36
	II	4.22	1.31	15.77	21.30	54.33	33.03	2.13	35.16	0.00	8.16	35.16
	III	2.05	0.47	7.9	10.42	36.68	26.26	1.04	27.30	0.93	11.22	26.37
1982	I	10.04	11.26	54.93	76.23	146.47	70.24	7.62	77.86	0.00	17.55	77.86
	II	25.07	15.09	77.31	117.47	334.69	217.22	11.75	228.97	20.53	34.24	208.44
	III	20.88	15.63	37.00	73.51	140.46	66.95	7.35	74.30	0.00	7.10	74.30
1983	I	10.07	10.82	31.31	52.20	200.28	148.08	5.22	153.30	45.10	26.68	126.62
	II	6.75	7.68	22.60	37.03	136.37	99.34	3.70	103.04	58.45	100.35	44.59
	III	4.79	5.39	14.48	24.66	126.52	101.86	2.47	104.33	85.74	107.90	18.59
1984	I	1.55	4.59	15.94	22.08	120.95	98.87	2.21	101.08	6.82	32.68	94.26
	II	1.35	3.49	14.14	18.98	92.04	73.06	1.90	74.96	64.19	78.84	10.77
	III	4.17	2.20	10.78	17.15	91.54	74.39	1.72	76.11	61.25	55.62	20.49

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1985	I	33.14	29.61	72.23	134.98	217.32	82.34	13.50	95.84	87.70	34.28	61.56
	II	26.47	20.92	55.57	102.96	132.53	29.57	10.30	39.87	0.00	24.62	39.87
	III	18.92	12.19	37.68	68.79	73.80	5.01	6.88	11.89	0.44	14.43	11.45
1986	I	1.31	1.47	22.18	24.96	169.80	144.84	2.50	147.34	109.56	98.84	48.50
	II	2.01	1.20	16.20	19.41	168.25	148.84	1.94	150.78	83.09	92.88	67.69
	III	1.20	1.46	17.21	19.87	140.68	120.81	1.99	122.80	76.09	75.16	47.64
1987	I	6.25	5.41	27.68	39.34	99.05	59.71	3.93	63.64	3.38	20.00	60.26
	II	7.36	3.44	18.92	29.72	75.68	45.96	2.97	48.93	0.00	13.00	48.93
	III	4.54	2.64	13.81	20.99	72.74	51.75	2.10	53.85	0.00	8.78	53.85
1988	I	15.60	4.96	28.29	42.45	95.49	53.04	4.25	57.29	0.00	16.88	57.29
	II	9.20	2.92	19.32	23.95	80.78	56.83	2.40	59.23	0.00	15.32	59.23
	III	1.71	2.45	18.02	20.51	87.50	66.99	2.05	69.04	0.00	12.09	69.04
1989	I	0.04	0.11	24.39	24.50	75.11	50.61	2.45	53.06	0.00	35.59	53.06
	II	0.00	0.03	23.72	23.75	65.53	41.78	2.38	44.16	0.00	50.06	44.16
	III	0.00	0.00	21.68	44.24	65.05	20.81	4.42	25.23	0.00	35.65	25.23
1990	I	22.56	14.13	29.24	59.05	99.24	40.19	5.91	46.10	0.00	15.53	46.10
	II	15.68	6.76	25.79	44.38	88.23	43.85	4.44	48.29	0.00	19.05	48.29
	III	11.83	3.52	25.05	29.48	95.99	66.51	2.95	69.46	0.00	25.50	69.46
1991	I	0.91	1.09	21.41	22.92	85.33	62.41	2.29	64.70	0.00	9.22	64.70
	II	0.42	1.03	20.87	22.36	88.13	65.77	2.24	68.01	0.00	15.26	68.01
	III	0.46	0.69	19.84	23.26	89.93	66.67	2.33	69.00	0.00	5.38	69.00
1992	I	2.73	2.93	13.29	18.95	108.29	89.34	1.90	91.24	0.00	9.73	91.24
	II	1.78	1.73	10.23	13.74	87.14	73.40	1.37	74.77	0.00	17.05	74.77
	III	1.68	3.07	10.71	15.46	82.76	67.30	1.55	68.85	0.00	17.53	68.85
1993	I	27.37	11.74	29.06	68.17	167.00	98.83	6.82	105.65	0.00	6.80	105.65
	II	16.34	5.45	12.71	34.50	135.38	100.88	3.45	104.33	0.00	9.32	104.33
	III	4.24	1.99	6.66	12.89	122.34	109.45	1.29	110.74	0.00	10.11	110.74
1994	I	8.58	4.02	16.36	28.96	82.00	53.04	2.90	55.94	5.08	30.04	50.86
	II	4.17	2.67	10.43	17.27	60.05	42.78	1.73	44.51	0.00	22.15	44.51
	III	1.54	1.29	6.88	9.71	53.25	43.54	0.97	44.51	0.00	23.84	44.51
1995	I	4.78	2.80	13.01	20.59	98.68	78.09	2.06	80.15	12.42	32.18	80.15
	II	1.21	1.59	5.16	7.96	99.92	91.96	0.80	92.76	6.670	43.91	80.34
	III	0.07	0.85	6.06	6.98	91.81	84.83	0.70	85.53	1.79	26.57	78.86
1996	I	10.54	13.75	23.81	48.10	119.7	71.60	4.81	76.41	0.00	7.16	74.62
	II	11.31	6.46	27.91	45.68	86.98	41.30	4.57	45.87	0.00	7.52	45.87
	III	8.78	4.68	14.00	27.46	68.23	40.77	2.75	43.52	2.43	8.42	43.52

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1997	I	26.16	18.33	39.21	83.70	103	19.30	8.37	27.67	0.00	11.82	25.24
	II	17.33	7.45	30.94	55.72	63.37	7.65	5.57	13.22	2.57	16.5	13.22
	III	27.13	26.26	14.87	68.26	86.03	17.77	6.83	24.60	0.00	23.61	22.03
1998	I	30.90	10.10	23.99	64.99	96.55	31.56	6.50	38.06	7.38	33.01	38.06
	II	17.08	6.97	11.83	35.88	52.66	16.78	3.59	20.37	0.00	21.19	12.99
	III	7.08	3.71	9.62	20.41	43.48	23.07	2.04	25.11	0.00	27.32	25.11
1999	I	31.08	28.62	68.11	127.81	112	-15.81	12.78	-3.03	9.53	26.19	-3.03
	II	14.98	18.05	55.86	88.89	66.47	-22.42	8.89	-13.53	0.30	33.59	-23.06
	III	7.64	7.46	45.37	60.47	42.36	-18.11	6.05	-12.06	2.99	24.74	-12.36
2000	I	0.00	0.00	63.34	63.34	21.88	-41.46	6.33	-35.13	0.00	24.64	-38.12
	II	0.00	0.00	59.98	59.98	24.83	-35.15	6.00	-29.15	0.00	25.79	-29.15
	III	0.00	0.00	62.31	62.31	27.03	-35.28	6.23	-29.05	0.00	30.96	-29.05
2001	I	0.00	1.42	45.10	46.52	11.59	-34.93	4.65	-30.28	0.00	19.45	-30.28
	II	0.00	0.01	26.19	26.20	10.52	-15.68	2.62	-13.06	0.00	23.59	-13.06
	III	0.00	0.00	20.88	20.88	13.89	-6.99	2.09	-4.90	0.00	25.95	-4.90
2002	I	0.00	0.00	38.49	38.49	1.59	-36.90	3.85	-33.05	0.00	2.72	-33.05
	II	0.00	0.00	36.85	36.85	0.91	-35.94	3.69	-32.26	0.00	2.61	-32.26
	III	0.00	0.00	35.16	35.16	0.73	-34.43	3.52	-30.91	0.00	2.42	-30.91
2003	I	9.62	3.91	131.20	144.73	14.05	-130.68	14.47	-116.21	0.00	12.54	-116.21
	II	1.52	0.00	93.89	95.41	9.16	-86.25	9.54	-76.71	0.00	16.17	-76.71
	III	0.00	0.00	89.01	89.01	14.3	-74.71	8.90	-65.81	0.00	19.42	-65.81
2004	I	17.94	0.31	10.82	29.07	20.07	-9.00	2.91	-6.09	0.00	6.02	-6.09
	II	0.00	0.00	5.17	5.17	20.91	15.74	0.52	16.26	0.00	11.59	16.26
	III	0.00	0.00	5.86	5.86	26.47	20.61	0.59	21.20	0.00	20.96	21.20

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF OCTOBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	58.98	31.51	114.94	205.43	276.79	71.36	20.54	91.90	29.150	11.60	80.30
	II	36.92	16.98	77.83	131.73	204.28	72.55	13.17	85.72	55.02	126.91	30.70
	III	22.88	10.56	54.12	87.56	195.74	108.18	8.76	116.94	39.33	81.20	77.61
1978	I	35.79	24.02	55.54	115.35	133.93	18.58	11.54	30.12	4.25	5.73	25.87
	II	22.88	10.97	39.92	73.77	91.83	18.06	7.38	25.44	1.61	2.40	23.83
	III	14.41	5.86	24.86	45.13	64.28	19.15	4.51	23.66	3.73	4.70	19.93
1979	I	4.56	10.03	2.00	16.59	53.00	36.41	1.66	38.07	4.25	3.54	34.53
	II	6.55	1.85	6.32	14.72	44.37	29.65	1.47	31.12	0.00	0.00	31.12
	III	1.13	1.31	5.65	8.09	47.95	39.86	0.81	40.67	0.00	0.00	40.67
1980	I	8.45	6.96	16.49	31.90	95.22	63.32	3.19	66.51	0.00	0.86	66.51
	II	3.90	3.58	8.71	16.19	89.07	72.88	1.62	74.50	0.26	2.04	74.24
	III	1.92	2.16	12.47	16.55	76.52	59.97	1.66	61.63	0.00	2.80	61.63
1981	I	13.11	8.42	34.82	56.35	138.43	82.08	5.64	87.72	0.00	8.93	87.72
	II	2.96	4.11	17.76	24.83	73.47	48.64	2.48	51.12	3.51	11.63	47.61
	III	3.29	3.71	9.19	16.19	54.80	38.61	1.62	40.23	2.53	12.04	37.70
1982	I	7.94	12.91	59.00	79.85	152.44	72.59	7.99	80.58	0.00	14.79	80.58
	II	5.21	6.40	29.32	40.93	80.84	39.91	4.09	44.00	1.32	8.49	42.68
	III	5.73	4.01	20.95	30.69	73.77	43.08	3.07	46.15	1.60	10.57	44.55
1983	I	53.07	72.08	132.68	257.83	387.47	129.64	25.78	155.42	0.00	6.48	155.42
	II	71.83	68.43	125.55	265.81	434.04	168.23	26.58	194.81	0.00	11.54	194.81
	III	15.30	15.90	47.27	78.47	309.42	230.95	7.85	238.80	0.00	9.82	238.80
1984	I	18.89	16.62	41.99	77.50	136.12	58.62	7.75	66.37	0.00	8.07	66.37
	II	17.16	8.82	31.43	57.41	90.79	33.38	5.74	39.12	0.00	9.59	39.12
	III	6.38	6.35	26.22	38.95	135.76	96.81	3.90	100.71	124.09	116.25	-15.55
1985	I	701.27	1574.96	1051.43	3327.66	2924.68	-402.98	332.77	-70.21	30.41	97.72	-100.62
	II	123.70	136.63	468.85	729.18	1345.80	616.62	72.92	689.54	3.24	51.43	686.30

	III	48.25	43.32	119.00	210.57	321.06	110.49	21.06	131.55	0.00	13.90	131.55
1986	I	19.52	5.81	21.62	46.95	125.77	78.82	4.70	83.52	0.00	13.08	83.52
	II	13.49	3.65	14.09	31.23	71.94	40.71	3.12	43.83	23.67	15.10	28.73
	III	4.53	2.20	10.44	17.17	114.03	96.86	1.72	98.58	82.98	63.63	34.95
1987	I	9.18	19.38	74.60	103.16	109.57	6.41	10.32	16.73	0.00	9.29	16.73
	II	19.54	22.55	227.43	269.52	659.93	390.41	26.95	417.36	0.90	69.50	416.46
	III	11.55	17.25	100.80	129.60	295.98	166.38	12.96	179.34	0.00	17.65	179.34
1988	I	263.99	83.66	188.39	536.04	702.94	166.90	53.60	220.50	0.00	40.20	220.50
	II	43.32	15.44	50.01	108.77	147.86	39.09	10.88	49.97	0.00	13.11	49.97
	III	24.54	8.37	36.80	69.71	100.70	30.99	6.97	37.96	0.00	13.98	37.96
1989	I	5.14	2.20	24.04	31.38	87.37	55.99	3.14	59.13	0.00	12.38	59.13
	II	1.14	1.36	20.16	22.66	71.73	49.07	2.27	51.34	0.00	14.02	51.34
	III	0.25	0.36	21.00	21.61	71.09	49.48	2.16	51.64	26.64	14.81	36.83
1990	I	125.74	118.15	285.24	529.13	606.17	77.04	52.91	129.95	0.00	52.10	129.95
	II	56.98	35.71	110.28	202.97	201.65	-1.32	20.30	18.98	0.00	10.06	18.98
	III	36.27	24.72	50.00	110.99	139.64	28.65	11.10	39.75	0.00	14.54	39.75
1991	I	8.70	6.36	22.93	37.99	109.31	71.32	3.80	75.12	0.00	14.48	75.12
	II	2.37	2.74	21.62	26.73	86.58	59.85	2.67	62.52	0.00	15.10	62.52
	III	1.54	1.77	21.90	25.21	83.81	58.60	2.52	61.12	0.00	13.63	61.12
1992	I	2.89	6.42	11.80	21.11	152.93	131.82	2.11	133.93	0.00	12.40	133.93
	II	49.94	8.00	231.06	289.00	821.58	532.58	28.90	561.48	0.00	86.33	561.48
	III	10.31	6.46	21.90	38.67	142.09	103.42	3.87	107.29	0.00	9.42	107.29
1993	I	111.88	67.11	218.20	397.19	746.64	349.45	39.72	389.17	0.00	15.64	389.17
	II	48.12	29.90	66.73	144.75	226.77	82.02	14.48	96.50	0.00	10.00	96.50
	III	38.16	21.03	47.58	106.77	180.89	74.12	10.68	84.80	0.00	5.93	84.80
1994	I	42.45	21.86	41.58	105.89	130.26	24.37	10.59	34.96	0.00	29.49	34.96
	II	24.80	11.38	27.47	63.65	87.74	24.09	6.37	30.46	10.15	50.02	20.31
	III	12.32	6.53	23.98	42.83	84.13	41.30	4.28	45.58	22.73	43.41	22.85
1995	I	5.65	7.35	28.48	41.48	165.49	124.01	4.15	128.16	14.99	48.40	113.17
	II	9.36	5.31	17.26	31.93	136.58	104.65	3.19	107.84	10.500	50.11	97.34
	III	7.70	4.68	19.65	32.03	126.66	94.63	3.20	97.83	0.00	34.70	97.83
1996	I	48.33	25.25	54.33	127.91	242.60	114.69	12.79	127.48	0.00	20.65	127.48
	II	18.51	12.22	50.39	81.12	169.30	88.18	8.11	96.29	0.00	17.60	96.29
	III	15.93	13.63	26.51	56.07	133.40	77.33	5.61	82.94	0.00	11.26	82.94
1997	I	24.12	29.83	74.43	128.38	205.00	76.62	12.84	89.46	0.00	21.42	89.46
	II	8.73	19.47	63.75	91.95	159.50	67.55	9.20	76.75	0.00	21.12	76.75
	III	17.54	20.18	39.64	77.36	93.82	16.46	7.74	24.20	0.00	13.35	24.20
1998	I	101.90	49.45	97.31	248.66	334.50	85.84	24.87	110.71	0.00	20.68	110.71
	II	90.10	44.74	65.33	200.17	232.90	32.73	20.02	52.75	0.00	19.05	52.75
	III	55.01	22.62	57.82	135.45	196.20	60.75	13.55	74.30	1.05	16.55	73.24
1999	I	280.20	163.20	321.40	764.80	676.30	-88.50	76.48	-12.02	0.00	16.64	-12.02
	II	253.80	160.90	231.30	646.00	554.30	-91.70	64.60	-27.10	10.63	24.47	-37.73

	III	55.40	46.14	110.30	211.84	183.50	-28.34	21.18	-7.16	0.00	24.33	-7.16
2000	I	0.38	2.72	88.71	91.81	13.49	-78.32	9.18	-69.14	0.00	5.54	-69.14
	II	0.00	3.11	66.49	69.60	15.64	-53.96	6.96	-47.00	0.00	12.46	-47.00
	III	0.00	0.55	62.62	63.17	18.81	-44.36	6.32	-38.04	0.00	16.23	-38.04
2001	I	8.34	11.51	60.64	80.49	18.28	-62.21	8.05	-54.16	0.00	9.93	-54.16
	II	5.68	8.29	61.88	75.85	24.57	-51.28	7.59	-43.70	0.00	9.76	-43.70
	III	3.53	4.21	50.97	58.71	7.89	-50.82	5.87	-44.95	0.00	11.40	-44.95
2002	I	1.05	0.00	74.98	76.03	1.70	-74.33	7.60	-66.73	0.00	4.26	-66.73
	II	0.00	0.00	68.79	68.79	2.47	-66.32	6.88	-59.44	0.00	3.88	-59.44
	III	0.00	0.00	42.43	42.43	1.87	-40.56	4.24	-36.32	0.00	3.28	-36.32
2003	I	79.84	80.91	383.60	544.35	662.30	117.95	54.44	172.39	0.00	29.14	172.39
	II	26.65	21.68	166.50	214.83	101.00	-113.83	21.48	-92.35	0.00	9.14	-92.35
	III	16.69	10.27	148.00	174.96	21.67	-153.29	17.50	-135.79	0.00	2.81	-135.79
2004	I	88.72	6.65	13.47	108.84	98.54	-10.30	10.88	0.58	0.00	47.26	0.58
	II	1.75	5.28	28.96	35.99	119.06	83.07	3.60	86.67	0.00	18.87	86.67
	III	11.29	4.52	23.46	39.27	58.57	19.30	3.93	23.23	0.00	7.48	23.23

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF SEPTEMBER

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	436.79	188.30	508.37	1133.46	2491.31	1357.85	113.35	1471.20	84.850	153.60	1386.35
	II	352.98	314.83	1363.22	2031.03	2916.53	885.50	203.10	1088.60	51.08	145.70	1037.52
	III	101.31	60.38	228.8	390.49	565.65	175.16	39.05	214.21	66.10	43.10	171.11
1978	I	222.96	271.25	1220.12	1714.33	3916.45	2202.12	171.43	2373.55	67.20	170.48	2306.35
	II	79.86	128.17	152.24	360.27	413.16	52.89	36.03	88.92	23.90	7.68	81.24
	III	48.34	53.38	75.89	177.61	207.16	29.55	17.76	47.31	2.13	2.40	45.18
1979	I	30.25	5.51	15.71	51.47	79.13	27.66	5.15	32.81	15.04	6.87	25.94
	II	9.49	2.71	7.29	19.49	57.73	38.24	1.95	40.19	0.04	0.31	40.15
	III	26.01	1.17	4.92	32.10	65.65	33.55	3.21	36.76	0.40	0.00	36.76
1980	I	99.71	248.57	407.64	755.92	1112.20	356.28	75.59	431.87	0.59	1.45	431.28
	II	33.14	24.64	74.95	132.73	188.41	55.68	13.27	68.95	0.00	0.00	68.95
	III	19.61	12.82	33.98	66.41	117.34	50.93	6.64	57.57	0.40	0.00	57.57
1981	I	77.17	65.60	77.36	220.13	251.96	31.83	22.01	53.84	1.53	12.25	52.31
	II	38.58	38.73	45.14	122.45	174.00	51.55	12.25	63.80	3.96	13.34	59.84
	III	25.68	23.46	117.3	166.44	372.93	206.49	16.64	223.13	3.64	24.63	219.49
1982	I	92.48	120.62	92.48	305.58	836.57	530.99	30.56	561.55	168.42	201.06	393.13
	II	51.36	48.37	51.36	151.09	469.84	318.75	15.11	333.86	90.29	121.15	243.57
	III	42.79	40.69	42.79	126.27	355.04	228.77	12.63	241.40	27.28	65.15	214.12
1983	I	551.07	865.69	2839.20	4255.96	3179.38	-1076.58	425.60	-650.98	6.94	212.88	-657.92
	II	117.75	146.24	1683.52	1947.51	1921.77	-25.74	194.75	169.01	6.70	40.06	162.31
	III	82.69	59.30	205.08	347.07	476.35	129.28	34.71	163.99	0.00	11.43	163.99
1984	I	165.01	185.27	1535.72	1886.00	3613.76	1727.76	188.60	1916.36	223.78	258.02	1692.58
	II	81.27	58.90	162.64	302.81	544.87	242.06	30.28	272.34	81.66	87.57	190.68
	III	43.02	32.66	83.33	159.01	310.45	151.44	15.90	167.34	17.19	28.07	150.15
1985	I	77.71	109.71	209.94	397.36	525.66	128.30	39.74	168.04	86.99	89.25	81.05
	II	25.98	31.00	60.13	117.11	184.10	66.99	11.71	78.70	0.00	19.07	78.70
	III	68.24	227.70	1281.53	1577.47	4326.13	2748.66	157.75	2906.41	0.00	152.38	2906.41
1986	I	66.17	34.67	96.95	197.79	373.24	175.45	19.78	195.23	12.23	41.04	183.00
	II	37.53	24.16	54.77	116.46	202.85	86.39	11.65	98.04	0.00	15.63	98.04
	III	26.63	9.23	28.83	64.69	169.74	105.05	6.47	111.52	5.30	19.25	106.22

Year	Period	Kali-siṇdh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1987	I	124.75	200.35	679.00	1004.10	2577.90	1573.80	100.41	1674.21	1.89	208.69	1672.32
	II	49.29	102.89	573.64	725.82	931.40	205.58	72.58	278.16	6.41	25.98	271.75
	III	25.34	42.93	122.36	190.63	325.00	134.37	19.06	153.43	0.00	16.34	153.43
1988	I	47.53	42.22	110.71	200.46	327.80	127.34	20.05	147.39	0.00	13.38	147.39
	II	30.54	28.86	44.87	104.27	107.29	3.02	10.43	13.45	0.00	11.00	13.45
	III	50.43	29.40	86.14	165.97	355.90	189.93	16.60	206.53	0.00	33.31	206.53
1989	I	64.61	61.19	360.29	486.09	2790.73	2304.64	48.61	2353.25	62.72	111.11	2290.53
	II	19.54	10.15	34.89	64.58	155.37	90.79	6.46	97.25	0.00	10.54	97.25
	III	11.38	4.65	28.11	44.14	94.65	50.51	4.41	54.92	0.00	14.07	54.92
1990	I	296.13	421.05	1033.68	1750.86	3246.73	1495.87	175.09	1670.96	60.14	293.76	1610.82
	II	396.17	340.00	813.64	1549.81	2672.42	1122.61	154.98	1277.59	37.59	169.47	1240.00
	III	362.31	529.30	657.05	1548.66	1989.38	440.72	154.87	595.59	48.85	86.83	546.74
1991	I	99.15	101.22	459.14	659.51	2359.10	1699.59	65.95	1765.54	518.24	800.00	1247.30
	II	47.06	39.50	103.94	190.50	500.67	310.17	19.05	329.22	141.38	199.50	187.84
	III	20.63	15.77	33.85	70.25	188.59	118.34	7.03	125.37	0.00	15.55	125.37
1992	I	96.84	308.65	468.15	873.64	1316.23	442.59	87.36	529.95	58.27	102.49	471.68
	II	24.70	42.74	103.64	171.08	541.31	370.23	17.11	387.34	0.00	21.70	387.34
	III	12.65	15.06	28.63	56.34	188.35	132.01	5.63	137.64	0.00	12.57	137.64
1993	I	177.54	284.70	237.68	699.92	549.01	-150.91	69.99	-80.92	2.36	17.68	-83.28
	II	136.76	743.10	2601.29	3481.15	2454.68	-1026.47	348.12	-678.36	9.96	226.21	-688.32
	III	203.42	354.89	940.91	1499.22	1840.88	341.66	149.92	491.58	24.77	82.51	466.81
1994	I	1117.56	620.22	1514.81	3252.59	3518.92	266.33	325.26	591.59	331.42	843.02	260.17
	II	246.33	98.95	308.22	653.50	1104.68	451.18	65.35	516.53	116.95	286.00	399.58
	III	92.55	41.44	109.24	243.23	547.30	304.07	24.32	328.39	138.38	238.63	190.01
1995	I	1514.06	408.56	180.57	2103.19	5448.90	3345.71	210.32	3556.03	267.36	1009.66	3288.67
	II	63.30	43.73	164.32	271.35	577.60	306.25	27.14	333.39	187.37	249.22	146.02
	III	15.19	19.35	79.89	114.43	276.29	161.86	11.44	173.30	111.850	130.14	61.45
1996	I	1052.00	492.10	1906.00	3450.10	5656.00	2205.90	345.01	2550.91	1453.65	2674.00	1097.26
	II	464.30	212.10	519.90	1196.30	2757.00	1560.70	119.63	1680.33	887.80	1931.00	792.53
	III	96.16	56.56	122.30	275.02	747.50	472.48	27.50	499.98	84.52	164.50	415.46
1997	I	195.10	203.40	538.30	936.80	907.70	-29.10	93.68	64.58	70.76	86.71	-6.18
	II	130.40	177.00	446.90	754.30	759.80	5.50	75.43	80.93	19.16	66.49	61.77
	III	55.11	72.43	162.10	289.64	403.60	113.96	28.96	142.92	0.00	26.58	142.92
1998	I	22.84	29.69	71.61	124.14	195.90	71.76	12.41	84.17	0.00	16.06	84.17
	II	397.80	246.50	413.40	1057.70	521.00	-536.70	105.77	-430.93	0.00	38.33	-430.93
	III	1046.00	345.40	756.70	2148.10	1491.00	-657.10	214.81	-442.29	3.65	209.00	-445.94
1999	I	374.50	276.60	645.00	1296.10	1578.00	281.90	129.61	411.51	57.91	205.30	353.60
	II	250.00	843.20	893.50	1986.70	1554.00	-432.70	198.67	-234.03	0.00	56.99	-234.03

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
	III	297.60	424.40	390.00	1112.00	895.90	-216.10	111.20	-104.90	2.54	28.10	-107.44
2000	I	21.99	24.06	403.80	449.85	379.30	-70.55	44.99	-25.57	0.00	13.37	-25.57
	II	16.18	12.27	146.30	174.75	116.40	-58.35	17.48	-40.88	0.00	8.71	-40.88
	III	4.23	5.01	101.70	110.94	33.31	-77.63	11.09	-66.54	0.00	5.15	-66.54
2001	I	16.91	23.89	120.40	161.20	154.20	-7.00	16.12	9.12	0.00	17.07	9.12
	II	12.46	8.65	75.09	96.20	41.67	-54.53	9.62	-44.91	0.00	3.78	-44.91
	III	9.40	5.68	59.71	74.79	13.68	-61.11	7.48	-53.63	0.00	6.65	-53.63
2002	I	208.50	247.00	601.40	1056.90	1135.00	78.10	105.69	183.79	0.00	48.91	183.79
	II	19.07	18.38	189.10	226.55	157.70	-68.85	22.66	-46.20	0.00	23.80	-46.20
	III	6.68	0.51	89.39	96.58	20.87	-75.71	9.66	-66.05	0.00	16.17	-66.05
2003	I	44.45	129.30	899.20	1072.95	1096.00	23.05	107.30	130.35	6.32	64.53	124.02
	II	73.25	112.00	388.00	573.25	439.30	-133.95	57.33	-76.63	57.77	88.17	-134.40
	III	540.80	288.40	543.90	1373.10	1108.00	-265.10	137.31	-127.79	15.83	104.60	-143.62
2004	I	279.13	50.32	57.01	386.46	351.70	-34.76	38.65	3.89	7.55	42.47	-3.66
	II	4.30	16.89	30.48	51.67	147.97	96.30	5.17	101.47	0.00	7.89	101.47
	III	89.28	6.85	18.50	114.63	61.25	-53.38	11.46	-41.92	0.00	10.05	-41.92

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF AUGEST

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	452.72	343.96	1292.01	2088.69	4096.37	2007.68	208.87	2216.55	148.690	256.73	2067.86
	II	81.30	63.14	233.73	378.17	936.60	558.43	37.82	596.25	92.51	108.13	503.74
	III	285.03	247.56	497.09	1029.68	1396.34	366.66	102.97	469.63	114.43	221.12	355.20
1978	I	20.16	70.88	302.25	393.29	366.08	-27.21	39.33	12.12	0.00	0.38	12.12
	II	241.74	412.37	1196.54	1850.65	2023.11	172.46	185.07	357.53	20.47	7.18	350.35
	III	647.84	770.76	2837.72	4256.32	4630.05	373.73	425.63	799.36	283.32	135.91	663.45
1979	I	245.90	467.14	395.73	1108.77	2372.30	1263.53	110.88	1374.41	138.07	144.01	1236.34
	II	126.56	116.98	191.27	434.81	962.25	527.44	43.48	570.92	19.03	12.16	558.76
	III	29.35	6.80	34.62	70.77	142.35	71.58	7.08	78.66	24.19	11.14	67.52
1980	I	64.75	307.60	1445.65	1818.00	2493.44	675.44	181.80	857.24	0.00	0.15	857.24
	II	47.06	49.85	326.94	423.85	551.84	127.99	42.39	170.38	0.93	0.70	169.68
	III	99.67	330.42	644.36	1074.45	685.08	-389.37	107.45	-281.93	0.13	0.00	-281.93
1981	I	166.03	374.91	1014.35	1555.29	2055.28	499.99	155.53	655.52	9.99	89.53	645.53
	II	257.28	163.90	729.68	1150.86	1359.96	209.10	115.09	324.19	26.67	46.84	297.52
	III	54.84	41.31	120.37	216.52	328.53	112.01	21.65	133.66	22.91	38.44	110.75
1982	I	23.37	75.36	617.55	716.28	1279.76	563.48	71.63	635.11	34.20	102.76	600.91
	II	486.75	662.59	2781.75	3931.09	5012.22	1081.13	393.11	1474.24	243.83	587.52	1230.41
	III	439.90	685.36	3394.56	4519.82	6495.96	1976.14	451.98	2428.12	203.29	560.37	2224.83
1983	I	12.02	86.49	528.23	626.74	800.00	173.26	62.67	235.93	25.45	52.03	210.48
	II	42.11	77.12	356.05	475.28	997.40	522.12	47.53	569.65	34.25	53.44	535.40
	III	149.34	217.69	911.85	1278.88	1528.60	249.72	127.89	377.61	20.73	74.20	356.88
1984	I	203.72	359.38	348.04	911.14	1318.55	407.41	91.11	498.52	83.19	69.79	428.73
	II	858.16	1028.86	1454.60	3341.62	4378.09	1036.47	334.16	1370.63	69.60	232.02	1301.03
	III	217.92	216.25	1157.54	1591.71	3774.56	2182.85	159.17	2342.02	0.00	96.99	2342.02
1985	I	976.09	2032.71	1831.27	4840.07	4258.66	-581.41	484.01	-97.40	71.05	1303.01	-168.45
	II	525.73	570.50	1336.00	2432.23	4636.74	2204.51	243.22	2447.73	269.94	376.68	2177.79

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
	III	65.46	67.92	268.81	402.19	888.81	486.62	40.22	526.84	210.98	306.64	315.86
1986	I	220.29	133.02	399.19	752.50	1428.13	675.63	75.25	750.88	144.84	190.05	606.04
	II	1360.87	759.78	2211.91	4332.56	10381.77	6049.21	433.26	6482.47	3937.59	1211.76	5270.71
	III	124.85	74.20	237.80	436.85	952.10	515.25	43.69	558.94	211.40	872.81	347.54
1987	I	7.34	2.68	12.73	22.75	95.20	72.45	2.28	74.73	0.00	10.30	74.73
	II	13.75	17.81	18.90	50.46	136.59	86.13	5.05	91.18	0.00	12.30	91.18
	III	1057.86	1109.18	1189.80	3356.84	6391.70	3034.86	335.68	3370.54	225.64	672.34	3144.90
1988	I	270.58	532.18	916.88	1719.64	2831.30	1111.66	171.96	1283.62	13.82	215.62	1269.80
	II	40.25	63.59	537.09	640.93	765.70	124.77	64.09	188.86	0.00	21.20	188.86
	III	225.34	225.09	514.97	965.40	1313.72	348.32	96.54	444.86	42.59	85.09	402.27
1989	I	51.07	25.72	42.86	119.65	75.62	-44.03	11.97	-32.07	1.77	22.19	-33.84
	II	131.85	114.24	577.90	823.99	2679.22	1855.23	82.40	1937.63	72.56	230.16	1865.07
	III	106.05	167.00	466.45	739.50	1598.36	858.86	73.95	932.81	129.18	253.45	803.63
1990	I	62.67	224.48	593.43	880.58	1821.51	940.93	88.06	1028.99	345.51	435.81	683.48
	II	112.69	265.36	374.48	752.53	859.89	107.36	75.25	182.61	33.75	70.97	148.86
	III	432.00	786.68	648.27	1866.95	2136.90	269.95	186.70	456.65	66.90	127.18	389.75
1991	I	139.94	292.50	751.37	1183.81	2388.80	1204.99	118.38	1323.37	85.18	338.24	1238.19
	II	161.02	306.09	1299.65	1766.76	1453.75	-313.01	176.68	-136.33	21.04	139.65	-157.37
	III	622.72	716.81	1842.00	3181.53	7332.72	4151.19	318.15	4469.34	1411.10	2204.85	3058.24
1992	I	22.68	36.08	507.57	566.33	1026.18	459.85	56.63	516.48	8.90	42.46	507.58
	II	189.25	724.13	1281.62	2195.00	2758.43	563.43	219.50	782.93	33.27	206.47	749.66
	III	48.00	197.00	589.09	834.09	1273.10	439.01	83.41	522.42	82.14	103.18	440.28
1993	I	970.11	795.22	1260.91	3026.24	3396.45	370.21	302.62	672.83	145.26	644.38	527.57
	II	170.51	123.25	245.66	539.42	507.65	-31.77	53.94	22.17	120.45	88.30	-66.13
	III	66.52	53.52	148.56	268.60	496.35	227.75	26.86	254.61	72.37	110.78	182.24
1994	I	1338.34	988.18	2388.01	4714.53	4750.41	35.88	471.45	507.33	252.88	1495.14	254.45
	II	869.73	389.87	1128.22	2387.82	2673.11	285.29	238.78	524.07	404.30	1084.86	119.77
	III	947.40	674.86	1904.16	3526.42	3417.18	-109.24	352.64	243.40	127.09	447.70	116.31
1995	I	17.69	21.09	1267.18	1305.96	2525.56	1219.60	130.60	1350.20	113.63	421.78	1236.57
	II	12.51	8.95	290.24	311.70	483.16	171.46	31.17	202.63	20.38	40.83	182.25
	III	250.48	288.67	1504.34	2043.49	3075.04	1031.55	204.35	1235.90	225.840	605.07	1010.06
1996	I	173.90	268.70	905.10	1347.70	2055.00	707.30	134.77	842.07	201.82	378.80	640.25
	II	249.90	1126.00	582.50	1958.40	1419.00	-539.40	195.84	-343.56	222.97	524.60	-566.53
	III	206.40	3750.00	7078.00	11034.40	19099.00	8064.60	1103.44	9168.04	2403.00	5259.00	6765.04
	I	591.80	263.80	1063.00	1918.60	2093.00	174.40	191.86	366.26	146.06	942.70	220.20

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1997	II	47.24	43.62	144.20	235.06	432.10	197.04	23.51	220.55	60.30	77.14	160.25
	III	769.10	512.70	956.50	2238.30	1490.00	-748.30	223.83	-524.47	91.78	219.80	-616.25
1998	I	146.90	117.70	404.40	669.00	548.10	-120.90	66.90	-54.00	44.14	87.99	-98.14
	II	160.00	173.90	656.20	990.10	904.50	-85.60	99.01	13.41	13.65	34.02	-0.24
	III	66.30	65.70	136.00	268.00	391.10	123.10	26.80	149.90	29.86	48.10	120.04
1999	I	132.00	247.00	874.70	1253.70	2054.00	800.30	125.37	925.67	120.76	231.70	804.91
	II	110.80	190.20	759.50	1060.50	1383.00	322.50	106.05	428.55	91.25	158.60	337.30
	III	44.05	73.23	246.70	363.98	555.00	191.02	36.40	227.42	108.93	140.50	118.49
2000	I	29.10	45.42	219.00	293.52	298.40	4.88	29.35	34.23	0.00	13.73	34.23
	II	42.18	44.86	294.10	381.14	399.20	18.06	38.11	56.17	0.00	36.49	56.17
	III	35.42	47.60	491.20	574.22	587.10	12.88	57.42	70.30	0.00	24.30	70.30
2001	I	28.17	61.76	218.50	308.43	333.50	25.07	30.84	55.91	10.12	22.22	45.79
	II	1278.00	646.30	299.30	2223.60	4598.00	2374.40	222.36	2596.76	123.73	469.90	2473.03
	III	45.94	67.91	280.40	394.25	656.00	261.75	39.43	301.18	28.04	96.93	273.13
2002	I	29.45	86.87	184.60	300.92	289.10	-11.82	30.09	18.27	59.46	116.60	-41.19
	II	19.85	20.07	188.60	228.52	407.90	179.38	22.85	202.23	0.89	68.91	201.34
	III	18.81	18.38	147.40	184.59	134.50	-50.09	18.46	-31.63	0.00	27.73	-31.63
2003	I	27.18	11.64	235.60	274.42	279.30	4.88	27.44	32.32	1.72	25.60	30.60
	II	93.70	127.50	718.40	939.60	1160.00	220.40	93.96	314.36	41.24	107.60	273.12
	III	72.33	68.13	309.30	449.76	345.70	-104.06	44.98	-59.08	42.66	59.60	-101.75
2004	I	209.73	248.99	653.09	1111.81	1046.08	-65.73	111.18	45.45	18.22	161.32	27.23
	II	138.75	256.66	2028.91	2424.32	4532.50	2108.18	242.43	2350.61	346.79	1474.82	2003.82
	III	23.76	717.43	2182.20	2923.39	5617.13	2693.74	292.34	2986.08	177.86	2061.34	2808.22

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF JUIY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	29.72	95.81	286.17	411.70	1972.97	1561.27	41.17	1602.44	50.310	65.57	1552.13
	II	12.69	24.74	208.76	246.19	601.27	355.08	24.62	379.70	55.02	73.76	324.68
	III	210.54	154.90	389.27	754.71	1772.93	1018.22	75.47	1093.69	134.13	126.54	967.15
1978	I	32.06	177.10	664.70	873.86	1237.81	363.95	87.39	451.34	0.00	36.00	451.34
	II	41.45	112.69	489.56	643.70	901.28	257.58	64.37	321.95	0.00	0.00	321.95
	III	107.30	188.04	378.81	674.15	725.18	51.03	67.42	118.45	7.14	6.87	111.58
1979	I	30.81	3.82	3.69	38.32	69.48	31.16	3.83	34.99	14.37	2.66	32.33
	II	33.30	8.91	371.42	413.63	2886.55	2472.92	41.36	2514.28	138.44	75.97	2438.31
	III	20.67	8.75	150.15	179.57	420.56	240.99	17.96	258.95	7.26	4.11	254.84
1980	I	60.20	30.92	223.97	315.09	600.59	285.50	31.51	317.01	0.00	0.00	317.01
	II	17.41	6.35	228.13	251.89	367.35	115.46	25.19	140.65	0.00	0.00	140.65
	III	55.55	133.52	294.49	483.56	509.79	26.23	48.36	74.59	0.00	0.00	74.59
1981	I	86.53	52.76	120.63	259.92	169.79	-90.13	25.99	-64.14	0.00	7.72	-64.14
	II	22.94	13.38	233.34	269.66	1365.61	1095.95	26.97	1122.92	0.00	25.32	1122.92
	III	52.37	32.68	1064.06	1149.11	3036.40	1887.29	114.91	2002.20	151.28	87.98	1914.22
1982	I	0.00	0.00	1.79	1.79	17.20	15.41	0.18	15.59	38.20	75.36	-22.61
	II	32.35	12.27	2.49	47.11	148.61	101.50	4.71	106.21	70.79	662.59	35.42
	III	119.75	90.66	278.28	488.69	1149.15	660.46	48.87	709.33	260.73	685.36	448.60
1983	I	36.43	40.48	149.00	225.91	443.40	217.49	22.59	240.08	4.61	18.17	235.47
	II	23.18	80.85	52.13	156.16	365.72	209.56	15.62	225.18	5.10	41.84	220.08
	III	46.32	121.03	324.25	491.60	955.83	464.23	49.16	513.39	12.66	34.21	500.73
1984	I	88.20	44.17	27.69	160.06	358.67	198.61	16.01	214.62	54.45	48.62	166.00
	II	26.48	10.59	27.53	64.60	179.68	115.08	6.46	121.54	0.85	6.85	120.69
	III	6.83	7.69	23.85	38.37	95.99	57.62	3.84	61.46	0.00	6.07	61.46
1985	I	0.00	0.00	3.90	3.90	18.84	14.94	0.39	15.33	0.00	9.04	15.33
	II	0.00	0.00	13.31	13.31	9.10	-4.21	1.33	-2.88	1.16	24.97	-4.04
	III	0.73	0.95	59.17	60.85	361.03	300.18	6.09	306.27	54.83	72.53	251.44

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1986	I	75.13	242.77	252.77	570.67	690.45	119.78	57.07	176.85	21.18	74.09	155.67
	II	209.14	246.11	508.40	963.65	1126.01	162.36	96.37	258.73	29.79	57.82	228.94
	III	1838.20	2437.10	3557.20	7832.50	1458.36	-6374.14	783.25	-5590.89	629.21	1773.55	-6220.10
1987	I	64.66	149.32	66.97	280.95	262.70	-18.25	28.10	9.85	18.04	44.51	-8.20
	II	31.06	57.63	109.25	197.94	345.34	147.40	19.79	167.19	0.30	10.50	166.89
	III	5.20	23.22	23.80	52.22	123.68	71.46	5.22	76.68	35.71	41.81	40.97
1988	I	28.70	62.88	369.50	461.08	643.92	182.84	46.11	228.95	2.01	54.05	226.94
	II	143.86	217.31	662.73	1023.90	1146.27	122.37	102.39	224.76	24.41	45.89	200.35
	III	62.18	280.75	1201.84	1544.77	1658.81	114.04	154.48	268.52	70.56	91.28	197.96
1989	I	46.53	18.28	29.58	94.39	122.60	28.21	9.44	37.65	29.10	94.24	8.55
	II	14.05	6.73	29.70	50.48	125.31	74.83	5.05	79.88	0.00	60.41	79.88
	III	11.36	1.83	66.50	79.69	157.18	77.49	7.97	85.46	19.39	99.18	66.07
1990	I	82.46	241.02	512.62	836.10	1604.29	768.19	83.61	851.80	30.24	179.24	821.56
	II	43.51	83.67	361.15	488.33	733.74	245.41	48.83	294.24	20.50	73.95	273.74
	III	96.09	93.60	257.72	447.41	560.36	112.95	44.74	157.69	4.78	20.53	152.91
1991	I	3.93	1.32	0.91	6.16	10.85	4.69	0.62	5.31	0.00	38.00	5.31
	II	16.60	11.21	6.66	34.47	38.31	3.84	3.45	7.29	3.54	51.52	3.75
	III	361.72	301.69	1664.14	2327.55	3536.00	1208.45	232.76	1441.21	222.70	467.46	1218.51
1992	I	0.50	0.00	0.00	0.50	31.24	30.74	0.05	30.79	81.58	94.25	-50.79
	II	13.20	25.74	71.65	110.59	182.23	71.64	11.06	82.70	26.96	38.24	55.74
	III	24.05	41.12	325.70	390.87	1119.09	728.22	39.09	767.31	129.50	141.67	637.81
1993	I	48.36	19.84	211.06	279.26	335.92	56.66	27.93	84.59	64.16	122.87	20.43
	II	619.28	530.17	449.56	1599.01	1972.54	373.53	159.90	533.43	154.28	232.54	379.15
	III	113.95	74.12	50.71	238.78	401.35	162.57	23.88	186.45	59.37	37.05	149.40
1994	I	245.13	36.06	643.55	924.74	2624.09	1699.35	92.47	1791.82	479.20	1190.14	1312.62
	II	330.53	248.79	1237.62	1816.94	1035.55	-781.39	181.69	-599.70	123.29	89.77	-689.47
	III	138.69	159.79	1394.18	1692.66	2135.64	442.98	169.27	612.25	203.56	287.04	408.69
1995	I	0.00	0.00	0.00	0.00	108.96	108.96	0.00	108.96	62.38	123.02	46.58
	II	13.11	0.00	121.16	134.27	253.72	119.45	13.43	132.88	26.67	73.30	106.21
	III	135.25	36.32	811.03	982.60	1255.02	272.42	98.26	370.68	124.220	315.64	246.46
1996	I	0	0.00	0.00	0.00	65.87	65.87	0.00	65.87	62.42	78.71	3.45
	II	0	18.83	12.43	31.26	159.10	127.84	3.13	130.97	26.67	129.90	104.30
	III	1401	1376.00	2255.00	5032.00	3841.00	-1191.00	503.20	-687.80	122.16	815.10	-809.96
1997	I	18.27	0.00	86.27	104.54	327.60	223.06	10.45	233.51	85.61	361.30	147.90
	II	17.36	7.59	94.55	119.50	262.30	142.80	11.95	154.75	82.71	203.00	72.04

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
	III	423	175.90	259.00	857.90	641.00	-216.90	85.79	-131.11	171.35	134.40	-265.51
1998	I	9.42	3.34	52.87	65.63	127.70	62.07	6.56	68.63	213.11	17.39	51.24
	II	816.6	414.40	796.30	2027.30	1827.00	-200.30	202.73	2.43	124.68	485.00	-122.25
	III	24.45	26.24	90.75	141.44	267.40	125.96	14.14	140.10	64.83	97.67	75.27
1999	I	15.75	0.00	0.00	15.75	77.74	61.99	1.58	63.57	14.01	161.40	49.55
	II	14.96	2.62	12.09	29.67	154.30	124.63	2.97	127.60	70.85	182.10	56.75
	III	844	1035.00	1729.00	3608.00	5120.00	1512.00	360.80	1872.80	63.79	1947.00	1809.01
2000	I	13.9	0.00	17.92	31.82	55.71	23.89	3.18	27.07	113.58	35.39	-8.32
	II	100.1	181.30	626.50	907.90	821.70	-86.20	90.79	4.59	131.30	120.80	-116.21
	III	129.8	377.90	3027.00	3534.70	5644.00	2109.30	353.47	2462.77	287.15	1330.00	2175.62
2001	I	332.6	152.90	1998.00	2483.50	5661.00	3177.50	248.35	3425.85	23.09	1078.00	3402.76
	II	55.99	147.40	1112.00	1315.39	2375.00	1059.61	131.54	1191.15	76.02	329.30	1115.13
	III	76.47	173.30	1320.00	1569.77	1682.00	112.23	156.98	269.21	269.14	44.53	224.68
2002	I	8.18	0.00	19.58	27.76	35.92	8.16	2.78	10.94	381.59	33.37	-22.43
	II	0.53	0.00	15.42	15.95	3.64	-12.31	1.60	-10.72	61.53	4.72	-15.44
	III	0	0.87	12.61	13.48	3.70	-9.78	1.35	-8.43	13.26	11.42	-19.85
2003	I	29.72	10.70	148.40	188.82	86.13	-102.69	18.88	-83.81	0.00	33.25	-83.81
	II	22.37	26.76	302.40	351.53	240.70	-110.83	35.15	-75.68	0.00	58.03	-75.68
	III	155	82.17	486.00	723.17	677.10	-46.07	72.32	26.25	0.00	92.95	26.25
2004	I	219.77	0.00	61.38	281.15	71.38	-209.77	28.12	-181.66	4.85	29.40	-186.51
	II	59.49	3.63	20.24	83.36	32.65	-50.71	8.34	-42.37	21.63	77.35	-64.00
	III	19.62	36.02	15.83	71.47	29.18	-42.29	7.15	-35.14	26.76	36.32	-61.90

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF JUN

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	0.00	0.00	7.16	7.16	64.22	57.06	0.72	57.78	68.693	55.19	2.59
	II	0.00	0.00	9.73	9.73	76.95	67.22	0.97	68.19	58.24	50.11	18.08
	III	27.69	31.10	48.30	107.09	293.07	185.98	10.71	196.69	28.92	29.53	167.77
1978	I	0.00	0.05	0.74	0.79	67.02	66.23	0.08	66.31	56.04	36.00	30.31
	II	3.88	3.23	12.33	19.44	66.03	46.59	1.94	48.53	4.69	1.75	46.78
	III	19.90	80.76	137.31	237.97	598.24	360.27	23.80	384.07	2.20	0.00	384.07
1979	I	0.02	0.05	0.58	0.65	55.19	54.54	0.07	54.61	65.05	43.45	11.16
	II	0.00	0.00	0.69	0.69	59.69	59.00	0.07	59.07	3.53	5.85	55.54
	III	42.27	3.60	2.60	48.47	89.96	41.49	4.85	46.34	21.85	25.06	24.49
1980	I	0.00	0.00	0.28	0.28	58.18	57.90	0.03	57.93	47.66	60.33	10.27
	II	37.25	0.00	0.29	37.54	60.52	22.98	3.75	26.73	2.86	8.83	23.87
	III	86.39	207.33	352.72	646.44	551.96	-94.48	64.64	-29.84	1.10	1.86	-30.94
1981	I	0.00	0.00	0.30	0.30	13.21	12.91	0.03	12.94	9.71	10.13	3.23
	II	0.00	0.00	0.22	0.22	6.28	6.06	0.02	6.08	0.00	5.97	6.08
	III	13.06	17.50	1.74	32.30	42.00	9.70	3.23	12.93	0.00	8.50	12.93
1982	I	0.00	0.00	0.29	0.29	14.61	14.32	0.03	14.35	0.00	3.93	14.35
	II	1.48	0.00	0.15	1.63	7.71	6.08	0.16	6.24	0.00	1.93	6.24
	III	0.38	0.00	1.88	2.26	14.24	11.98	0.23	12.21	3.67	6.45	8.54
1983	I	0.00	0.00	0.69	0.69	4.29	3.60	0.07	3.67	0.00	3.51	3.67
	II	4.77	0.44	1.45	6.66	16.89	10.23	0.67	10.90	0.00	4.14	10.90
	III	1.35	10.22	0.76	12.33	20.50	8.17	1.23	9.40	16.42	7.10	2.30
1984	I	0.00	0.00	0.56	0.56	8.52	7.96	0.06	8.02	0.00	12.90	8.02
	II	4.92	4.16	54.04	63.12	65.84	2.72	6.31	9.03	0.00	3.51	9.03
	III	1.16	1.42	7.13	9.71	52.34	42.63	0.97	43.60	0.00	2.44	43.60
1985	I	0.00	0.00	2.56	2.56	46.48	43.92	0.26	44.18	7.05	14.07	37.13
	II	0.00	0.00	0.71	0.71	13.86	13.15	0.07	13.22	0.63	12.62	12.59
	III	0.00	0.00	6.88	6.88	13.38	6.50	0.69	7.19	1.98	10.20	5.21

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1986	I	0.00	0.00	2.41	2.41	21.43	19.02	0.24	19.26	0.00	5.44	19.26
	II	0.00	0.00	1.10	1.10	16.34	15.24	0.11	15.35	17.51	21.52	-2.16
	III	98.53	84.55	172.79	355.87	485.18	129.31	35.59	164.90	1.49	16.06	163.41
1987	I	0.00	0.00	0.80	0.80	36.52	35.72	0.08	35.80	14.71	38.40	21.09
	II	0.57	0.00	0.97	1.54	77.26	75.72	0.15	75.87	2.40	24.24	73.47
	III	1.49	0.00	10.45	11.94	38.22	26.28	1.19	27.47	0.00	7.90	27.47
1988	I	0.00	0.00	0.57	0.57	7.08	6.51	0.06	6.57	0.00	5.27	6.57
	II	2.17	0.00	20.00	22.17	24.52	2.35	2.22	4.57	0.00	11.75	4.57
	III	27.38	21.41	268.51	317.30	293.29	-24.01	31.73	7.72	35.27	45.58	-27.55
1989	I	0.00	0.00	0.00	0.00	7.22	7.22	0.00	7.22	0.00	8.71	7.22
	II	3.10	0.00	4.80	7.90	1.19	-6.71	0.79	-5.92	7.04	24.56	-12.96
	III	1.71	1.71	14.60	18.02	79.50	61.48	1.80	63.28	1.20	44.37	62.08
1990	I	0.00	0.00	1.25	1.25	13.94	12.69	0.13	12.82	0.00	11.25	12.82
	II	6.77	0.00	0.63	7.40	8.74	1.34	0.74	2.08	0.00	10.53	2.08
	III	10.36	56.20	494.50	561.06	574.98	13.92	56.11	70.03	0.00	40.22	70.03
1991	I	0.00	0.00	0.11	0.11	44.71	44.60	0.01	44.61	56.43	113.44	-11.82
	II	10.28	0.00	1.40	11.68	16.81	5.13	1.17	6.30	0.00	24.52	6.30
	III	11.36	9.50	1.20	22.06	13.23	-8.83	2.21	-6.62	1.35	19.66	-7.97
1992	I	0.00	0.00	0.00	0.00	14.29	14.29	0.00	14.29	74.25	122.97	-59.96
	II	0.00	0.00	0.00	0.00	43.08	43.08	0.00	43.08	117.21	168.97	-74.13
	III	0.00	0.00	0.00	0.00	45.64	45.64	0.00	45.64	15.31	24.06	30.33
1993	I	0.00	0.00	0.00	0.00	14.56	14.56	0.00	14.56	18.25	10.44	4.12
	II	11.36	0.00	2.54	13.90	21.20	7.30	1.39	8.69	2.99	18.17	5.70
	III	27.27	14.39	42.64	84.30	391.54	307.24	8.43	315.67	78.87	108.41	236.80
1994	I	0.00	0.00	0.00	0.00	8.54	8.54	0.00	8.54	0.00	9.88	8.54
	II	2.28	19.57	0.00	21.85	23.21	1.36	2.19	3.55	0.00	5.78	3.55
	III	93.98	15.71	183.24	292.93	256.22	-36.71	29.29	-7.42	38.97	48.44	-46.39
1995	I	0.00	0.00	0.00	0.00	27.76	27.76	0.00	27.76	118.21	37.80	-10.04
	II	0.00	6.00	0.00	6.00	57.52	51.52	0.60	52.12	87.22	98.76	-35.10
	III	0.00	0.00	0.00	0.00	43.25	43.25	0.00	43.25	82.956	80.99	-37.74
1996	I	0.00	0.00	0.00	0.00	74.53	74.53	0.00	74.53	76.60	84.47	-2.07
	II	0.00	0.00	0.00	0.00	77.73	77.73	0.00	77.73	41.56	64.14	36.17
	III	0.00	0.00	0.00	0.00	44.04	44.04	0.00	44.04	35.63	45.61	8.41
1997	I	0.00	0.00	0.00	0.00	105.90	105.90	0.00	105.90	75.57	118.70	30.33
	II	0.00	0.00	0.00	0.00	146.20	146.20	0.00	146.20	118.65	192.20	27.55
	III	0.00	0.00	0.00	0.00	132.20	132.20	0.00	132.20	108.04	136.20	24.16

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1998	I	0.00	0.00	0.00	0.00	90.24	90.24	0.00	90.24	120.70	230.80	-30.46
	II	12.44	4.68	10.98	28.10	43.85	15.75	2.81	18.56	33.83	101.40	-15.27
	III	10.60	1.68	8.63	20.91	74.40	53.49	2.09	55.58	99.99	169.20	-44.40
1999	I	0.00	0.00	0.00	0.00	58.03	58.03	0.00	58.03	69.51	53.94	4.09
	II	9.73	0.00	0.00	9.73	83.87	74.14	0.97	75.11	98.97	77.48	-2.37
	III	36.31	0.00	19.62	55.93	122.00	66.07	5.59	71.66	74.85	88.20	-3.18
2000	I	0.00	0.00	26.30	26.30	58.87	32.57	2.63	35.20	2.40	32.15	32.80
	II	6.46	0.00	24.85	31.31	29.19	-2.12	3.13	1.01	22.63	36.14	-21.62
	III	1.46	0.00	21.82	23.28	18.37	-4.91	2.33	-2.58	1.18	19.08	-3.76
2001	I	0.00	0.00	73.89	73.89	0.56	-73.33	7.39	-65.94	0.00	1.52	-65.94
	II	224.40	136.70	163.50	524.60	226.30	-298.30	52.46	-245.84	30.43	77.63	-276.27
	III	24.69	74.66	316.00	415.35	373.90	-41.45	41.54	0.08	0.00	43.81	0.08
2002	I	0.00	0.00	14.21	14.21	0.00	-14.21	1.42	-12.79	0.00	15.49	-12.79
	II	0.00	0.00	13.46	13.46	0.00	-13.46	1.35	-12.11	0.00	18.32	-12.11
	III	7.49	0.00	13.42	20.91	16.32	-4.59	2.09	-2.50	6.93	47.40	-9.43
2003	I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
	III	4.65	0.00	41.26	45.91	13.41	-32.50	4.59	-27.91	18.92	59.79	-46.83
2004	I	0.00	0.00	0.83	0.83	0.13	-0.70	0.08	-0.62	0.00	0.67	-0.62
	II	0.00	0.00	12.48	12.48	8.34	-4.14	1.25	-2.89	0.00	0.84	-2.89
	III	1.21	0.00	39.10	40.31	42.34	2.03	4.03	6.06	0.00	1.14	6.06

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF MAY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	0.47	0.04	12.55	13.06	59.98	46.92	1.31	48.23	59.380	75.67	-11.15
	II	0.00	0.03	8.61	8.64	115.75	107.11	0.86	107.97	179.48	211.42	-71.51
	III	0.00	0.00	7.61	7.61	152.81	145.20	0.76	145.96	85.75	137.43	60.21
1978	I	0.11	0.11	6.86	7.08	127.76	120.68	0.71	121.39	142.98	247.89	-21.59
	II	0.07	0.05	0.79	0.91	137.48	136.57	0.09	136.66	157.18	158.40	-20.52
	III	0.08	0.01	0.55	0.64	88.45	87.81	0.06	87.87	82.14	78.25	9.62
1979	I	0.21	0.30	1.33	1.84	63.20	61.36	0.18	61.54	85.35	54.58	6.96
	II	0.09	0.11	1.07	1.27	66.59	65.32	0.13	65.45	76.74	129.78	-11.29
	III	0.04	0.07	4.32	4.43	56.19	51.76	0.44	52.20	25.47	30.06	26.73
1980	I	0.00	0.00	1.25	1.25	45.87	44.62	0.13	44.75	25.65	27.76	19.10
	II	0.00	0.00	0.45	0.45	28.98	28.53	0.05	28.58	12.54	12.38	16.20
	III	0.00	0.00	0.28	0.28	32.74	32.46	0.03	32.49	30.78	38.53	1.71
1981	I	0.00	0.00	0.61	0.61	18.78	18.17	0.06	18.23	2.05	2.44	16.18
	II	0.00	0.00	0.62	0.62	11.82	11.20	0.06	11.26	14.74	20.16	-3.48
	III	0.00	0.00	0.22	0.22	8.77	8.55	0.02	8.57	10.73	22.82	-2.16
1982	I	0.00	0.00	7.80	7.80	38.04	30.24	0.78	31.02	27.65	32.95	3.37
	II	0.00	0.00	2.07	2.07	32.83	30.76	0.21	30.97	24.78	20.67	10.30
	III	0.00	0.00	0.88	0.88	62.60	61.72	0.09	61.81	42.07	76.49	19.74
1983	I	0.00	0.04	1.49	1.53	11.43	9.90	0.15	10.05	45.16	3.35	6.70
	II	0.00	0.00	0.89	0.89	10.91	10.02	0.09	10.11	0.00	3.40	10.11
	III	0.00	0.00	1.23	1.23	15.21	13.98	0.12	14.10	0.00	4.21	14.10
1984	I	0.00	0.00	2.47	2.47	18.55	16.08	0.25	16.33	0.00	7.80	16.33
	II	0.00	0.00	1.97	1.97	14.67	12.70	0.20	12.90	0.00	4.63	12.90
	III	0.00	0.00	1.17	1.17	6.73	5.56	0.12	5.68	8.63	4.93	0.75
1985	I	0.00	0.00	3.29	3.29	118.43	115.14	0.33	115.47	79.67	130.72	35.80
	II	0.00	0.00	2.23	2.23	111.59	109.36	0.22	109.58	70.74	27.00	82.58

FOR THE MONTH OF MAY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
	III	0.00	0.00	0.94	0.94	116.41	115.47	0.09	115.56	151.73	105.18	10.38
1986	I	0.00	0.13	14.77	14.90	13.75	-1.15	1.49	0.34	0.00	7.20	0.34
	II	0.00	0.00	7.72	7.72	12.26	4.54	0.77	5.31	0.00	8.41	5.31
	III	0.00	0.00	2.50	2.50	13.61	11.11	0.25	11.36	0.00	4.93	11.36
1987	I	0.00	0.00	1.33	1.33	51.43	50.10	0.13	50.23	0.00	62.27	50.23
	II	0.00	0.00	1.34	1.34	12.38	11.04	0.13	11.17	0.00	9.47	11.17
	III	0.00	0.00	0.38	0.38	13.03	12.65	0.04	12.69	19.08	6.58	6.11
1988	I	0.00	0.00	1.23	1.23	13.32	12.09	0.12	12.21	0.00	4.56	12.21
	II	0.00	0.00	1.89	1.89	10.54	8.65	0.19	8.84	0.00	4.56	8.84
	III	0.00	0.00	0.96	0.96	10.28	9.32	0.10	9.42	0.00	6.03	9.42
1989	I	0.00	0.00	1.86	1.86	12.79	10.93	0.19	11.12	0.00	4.92	11.12
	II	0.00	0.00	0.77	0.77	10.01	9.24	0.08	9.32	0.00	4.20	9.32
	III	0.00	0.00	0.08	0.08	9.82	9.74	0.01	9.75	0.00	5.94	9.75
1990	I	0.00	0.00	1.61	1.61	8.72	7.11	0.16	7.27	0.00	6.96	7.27
	II	0.00	0.00	1.12	1.12	8.16	7.04	0.11	7.15	0.00	9.74	7.15
	III	0.00	0.00	0.73	0.73	6.80	6.07	0.07	6.14	0.00	10.66	6.14
1991	I	0.00	0.00	1.46	1.46	14.25	12.79	0.15	12.94	0.00	20.35	12.94
	II	0.00	0.00	0.92	0.92	11.69	10.77	0.09	10.86	0.00	13.75	10.86
	III	0.00	0.00	0.53	0.53	10.75	10.22	0.05	10.27	4.34	29.47	5.93
1992	I	0.00	0.00	0.00	0.00	16.62	16.62	0.00	16.62	0.00	20.89	16.62
	II	0.19	0.00	0.00	0.19	15.14	14.95	0.02	14.97	0.00	24.25	14.97
	III	0.00	0.00	0.00	0.00	13.41	13.41	0.00	13.41	3.50	11.00	9.91
1993	I	0.00	0.00	0.00	0.00	17.78	17.78	0.00	17.78	0.00	12.38	17.78
	II	0.00	0.00	0.00	0.00	13.02	13.02	0.00	13.02	0.00	5.51	13.02
	III	0.00	0.00	0.00	0.00	10.10	10.10	0.00	10.10	3.25	5.18	6.85
1994	I	0.00	0.00	0.00	0.00	20.08	20.08	0.00	20.08	0.00	8.25	20.08
	II	0.00	0.00	0.00	0.00	14.73	14.73	0.00	14.73	0.00	6.40	14.73
	III	0.00	0.00	0.00	0.00	11.92	11.92	0.00	11.92	0.00	3.85	11.92
1995	I	0.00	0.00	0.00	0.00	23.37	23.37	0.00	23.37	30.55	72.23	-7.18
	II	0.00	0.00	0.00	0.00	31.19	31.19	0.00	31.19	25.72	40.23	5.47
	III	0.00	0.00	0.00	0.00	24.32	24.32	0.00	24.32	24.900	34.36	-0.58
	I	0.00	0.00	0.00	0.00	86.35	86.35	0.00	86.35	129.42	133.30	-43.07

FOR THE MONTH OF MAY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1996	II	0.00	0.00	0.00	0.00	83.31	83.31	0.00	83.31	71.36	92.58	11.95
	III	0.00	0.00	0.00	0.00	62.87	62.87	0.00	62.87	59.37	42.94	19.93
1997	I	0.00	0.00	0.00	0.00	81.44	81.44	0.00	81.44	18.76	106.70	62.68
	II	0.00	0.00	0.00	0.00	76.78	76.78	0.00	76.78	100.78	104.40	-24.00
	III	0.00	0.00	0.00	0.00	58.66	58.66	0.00	58.66	19.89	65.81	38.77
1998	I	0.00	0.87	3.48	4.35	80.99	76.64	0.44	77.08	0.00	145.40	77.08
	II	0.00	0.16	0.00	0.16	95.96	95.80	0.02	95.82	9.40	254.20	86.42
	III	0.00	0.00	0.00	0.00	99.57	99.57	0.00	99.57	20.04	246.10	79.53
1999	I	0.00	0.00	0.00	0.00	56.94	56.94	0.00	56.94	75.23	102.90	-18.29
	II	0.00	0.00	0.00	0.00	23.79	23.79	0.00	23.79	42.84	62.47	-19.05
	III	0.00	0.00	0.00	0.00	11.39	11.39	0.00	11.39	26.39	55.73	-15.00
2000	I	0.00	0.00	15.67	15.67	14.47	-1.20	1.57	0.37	1.80	12.04	-1.43
	II	0.00	0.00	15.49	15.49	16.00	0.51	1.55	2.06	0.00	7.50	2.06
	III	0.00	0.00	16.75	16.75	19.18	2.43	1.68	4.11	10.53	28.62	-6.42
2001	I	0.00	0.00	20.52	20.52	0.10	-20.42	2.05	-18.37	0.00	1.12	-18.37
	II	0.00	0.00	18.20	18.20	0.21	-17.99	1.82	-16.17	0.00	0.95	-16.17
	III	0.00	0.00	59.27	59.27	2.03	-57.24	5.93	-51.31	0.00	1.61	-51.31
2002	I	0.00	0.00	22.51	22.51	0.13	-22.38	2.25	-20.13	0.00	2.01	-20.13
	II	0.00	0.00	21.30	21.30	0.00	-21.30	2.13	-19.17	0.00	2.60	-19.17
	III	0.00	0.00	16.69	16.69	0.00	-16.69	1.67	-15.02	0.00	2.58	-15.02
2003	I	0.00	0.00	15.01	15.01	0.00	-15.01	1.50	-13.51	0.00	0.00	-13.51
	II	0.00	0.00	1.27	1.27	0.00	-1.27	0.13	-1.14	0.00	0.00	-1.14
	III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	I	0.00	0.00	18.17	18.17	0.38	-17.79	1.82	-15.97	41.74	0.71	-16.68
	II	0.00	0.00	13.48	13.48	0.70	-12.78	1.35	-11.43	26.88	0.77	-12.20
	III	0.00	0.00	8.89	8.89	0.52	-8.37	0.89	-7.48	128.34	0.70	-8.18

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF APRIL

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	1.51	0.12	13.11	14.74	216.06	201.32	1.47	202.79	26.006	121.82	176.79
	II	0.97	0.07	12.35	13.39	280.64	267.25	1.34	268.59	30.15	135.50	238.44
	III	0.65	0.05	11.72	12.42	205.30	192.88	1.24	194.12	16.01	181.94	178.12
1978	I	0.58	0.47	9.72	10.77	144.56	133.79	1.08	134.87	14.33	187.26	120.54
	II	0.26	0.23	7.54	8.03	123.39	115.36	0.80	116.16	10.52	96.58	105.64
	III	0.13	0.18	6.96	7.27	81.41	74.14	0.73	74.87	8.04	97.36	66.83
1979	I	1.92	1.63	8.01	11.56	95.45	83.89	1.16	85.05	8.81	76.90	76.24
	II	0.91	0.92	3.97	5.80	96.89	91.09	0.58	91.67	7.31	66.83	84.36
	III	0.51	0.42	1.59	2.52	137.90	135.38	0.25	135.63	14.15	99.97	121.48
1980	I	0.00	0.00	4.31	4.31	16.56	12.25	0.43	12.68	4.15	5.66	8.53
	II	0.00	0.00	4.03	4.03	37.05	33.02	0.40	33.42	0.88	10.09	32.54
	III	0.00	0.00	1.31	1.31	35.93	34.62	0.13	34.75	2.69	25.02	32.06
1981	I	0.00	0.00	1.65	1.65	12.62	10.97	0.17	11.14	0.00	1.16	11.14
	II	0.00	0.00	1.16	1.16	7.85	6.69	0.12	6.81	1.28	9.07	5.53
	III	0.00	0.00	0.93	0.93	30.81	29.88	0.09	29.97	1.23	16.26	28.74
1982	I	0.00	0.01	7.94	7.95	38.12	30.17	0.80	30.97	6.01	88.52	24.95
	II	0.00	0.00	12.59	12.59	40.79	28.20	1.26	29.46	3.68	50.84	25.78
	III	0.00	0.00	14.41	14.41	46.08	31.67	1.44	33.11	3.30	27.91	29.81
1983	I	0.00	0.04	14.74	14.78	13.42	-1.36	1.48	0.12	0.00	7.02	0.12
	II	0.00	0.04	13.74	13.78	18.46	4.68	1.38	6.06	0.00	11.08	6.06
	III	0.00	0.07	7.35	7.42	17.81	10.39	0.74	11.13	0.00	4.92	11.13
1984	I	0.00	0.42	8.79	9.21	30.22	21.01	0.92	21.93	0.00	8.47	21.93
	II	0.00	0.01	7.70	7.71	24.76	17.05	0.77	17.82	0.64	4.84	17.18
	III	0.00	0.00	4.84	4.84	22.02	17.18	0.48	17.66	0.78	26.20	16.88
1985	I	0.00	0.06	9.60	9.66	44.97	35.31	0.97	36.28	0.00	25.82	36.28
	II	0.00	0.00	8.14	8.14	23.79	15.65	0.81	16.46	6.51	77.27	9.95
	III	0.00	0.00	5.61	5.61	222.50	216.89	0.56	217.45	6.07	78.64	211.39

'OR THE MONTH OF APRIL

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1986	I	0.00	0.57	13.53	14.10	40.72	26.62	1.41	28.03	0.00	10.56	28.03
	II	0.00	0.31	7.66	7.97	24.22	16.25	0.80	17.05	0.00	9.27	17.05
	III	0.00	0.26	7.36	7.62	25.84	18.22	0.76	18.98	1.32	27.47	17.66
1987	I	0.00	0.00	10.97	10.97	41.39	30.42	1.10	31.52	0.00	14.90	31.52
	II	0.00	0.00	11.63	11.63	31.23	19.60	1.16	20.76	6.09	27.68	14.67
	III	0.00	0.00	8.40	8.40	107.97	99.57	0.84	100.41	15.42	161.69	84.99
1988	I	0.00	0.00	11.70	11.70	55.73	44.03	1.17	45.20	0.00	15.08	45.20
	II	0.00	0.00	4.97	4.97	30.00	25.03	0.50	25.53	0.00	9.35	25.53
	III	0.00	0.00	3.22	3.22	19.77	16.55	0.32	16.87	0.00	4.16	16.87
1989	I	0.00	0.00	11.26	11.26	72.57	61.31	1.13	62.44	0.00	25.08	62.44
	II	0.00	0.00	6.64	6.64	46.07	39.43	0.66	40.09	0.00	15.92	40.09
	III	0.00	0.00	2.45	2.45	20.32	17.87	0.25	18.12	0.00	7.43	18.12
1990	I	0.00	0.00	3.34	3.34	12.58	9.24	0.33	9.57	0.00	7.40	9.57
	II	0.00	0.00	3.11	3.11	11.47	8.36	0.31	8.67	0.00	6.65	8.67
	III	0.00	0.00	1.89	1.89	9.55	7.66	0.19	7.85	0.00	7.40	7.85
1991	I	0.00	0.00	21.14	21.14	60.73	39.59	2.11	41.70	0.00	90.17	41.70
	II	0.00	0.00	8.24	8.24	33.08	24.84	0.82	25.66	0.00	76.36	25.66
	III	0.00	0.00	4.16	4.16	18.95	14.79	0.42	15.21	0.00	53.60	15.21
1992	I	0.00	0.00	0.04	0.04	31.90	31.86	0.00	31.86	0.05	24.31	31.82
	II	0.00	0.00	0.00	0.00	17.33	17.33	0.00	17.33	0.00	7.61	17.33
	III	0.00	0.00	0.00	0.00	13.56	13.56	0.00	13.56	1.75	22.47	11.82
1993	I	0.00	0.00	1.89	1.89	60.33	58.44	0.19	58.63	0.00	69.09	58.63
	II	0.00	0.00	1.55	1.55	44.66	43.11	0.16	43.27	0.00	53.67	43.27
	III	0.00	0.00	0.39	0.39	30.51	30.12	0.04	30.16	0.00	30.24	30.16
1994	I	0.00	0.00	0.81	0.81	49.22	48.41	0.08	48.49	0.00	84.16	48.49
	II	0.00	0.00	0.45	0.45	40.35	39.90	0.05	39.95	0.00	34.33	39.95
	III	0.00	0.00	0.23	0.23	28.16	27.93	0.02	27.95	0.00	8.50	27.95
1995	I	0.00	0.00	3.18	3.18	82.65	79.47	0.32	79.79	0.54	18.30	79.25
	II	0.00	0.00	1.43	1.43	44.15	42.72	0.14	42.86	0.03	17.83	42.83
	III	0.00	0.00	0.00	0.00	28.50	28.50	0.00	28.50	2.896	36.57	25.60
1996	I	0.00	0.00	4.26	4.26	48.97	44.71	0.43	45.14	0.00	15.14	45.14
	II	0.00	0.00	2.44	2.44	29.75	27.31	0.24	27.55	58.48	55.81	-28.26
	III	0.00	0.00	0.00	0.00	43.82	43.82	0.00	43.82	106.05	157.00	-62.23

'OR THE MONTH OF APRIL

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1997	I	0.00	0.00	5.18	5.18	45.31	40.13	0.52	40.65	1.95	17.63	38.70
	II	0.00	0.00	0.00	0.00	43.27	43.27	0.00	43.27	43.77	40.36	2.91
	III	0.00	0.00	0.00	0.00	113.50	113.50	0.00	113.50	92.46	105.10	21.04
1998	I	0.00	1.81	5.92	7.73	48.11	40.38	0.77	41.15	20.84	17.63	23.52
	II	0.00	1.26	5.43	6.69	33.67	26.98	0.67	27.65	0.00	40.36	27.65
	III	0.00	0.83	4.90	5.73	70.64	64.91	0.57	65.48	0.00	105.10	65.48
1999	I	0.00	0.00	0.00	0.00	34.37	34.37	0.00	34.37	57.17	81.86	-22.80
	II	0.00	0.00	0.00	0.00	58.75	58.75	0.00	58.75	84.33	98.52	-25.58
	III	0.00	0.00	0.00	0.00	65.93	65.93	0.00	65.93	91.84	87.06	-21.13
2000	I	0.00	0.00	16.38	16.38	58.11	41.73	1.64	43.37	0.00	43.88	43.37
	II	0.00	0.00	16.38	16.38	40.23	23.85	1.64	25.49	8.09	24.61	17.40
	III	0.00	0.00	16.38	16.38	27.19	10.81	1.64	12.45	0.00	23.29	12.45
2001	I	0.00	0.00	36.39	36.39	0.11	-36.28	3.64	-32.64	0.00	1.92	-32.64
	II	0.00	0.00	24.25	24.25	0.07	-24.18	2.43	-21.76	0.00	1.92	-21.76
	III	0.00	0.00	21.84	21.84	0.12	-21.72	2.18	-19.54	0.00	1.83	-19.54
2002	I	0.00	0.00	17.06	17.06	2.95	-14.11	1.71	-12.40	0.00	3.91	-12.40
	II	0.00	0.00	18.33	18.33	1.50	-16.83	1.83	-15.00	0.00	3.10	-15.00
	III	0.00	0.00	21.01	21.01	0.58	-20.43	2.10	-18.33	0.00	2.66	-18.33
2003	I	0.00	0.00	18.49	18.49	0.06	-18.43	1.85	-16.58	0.00	0.13	-16.58
	II	0.00	0.00	18.02	18.02	0.00	-18.02	1.80	-16.22	0.00	0.06	-16.22
	III	0.00	0.00	16.71	16.71	0.00	-16.71	1.67	-15.04	0.00	0.00	-15.04
2004	I	0.00	0.00	27.14	27.14	2.42	-24.72	2.71	-22.01	20.42	2.19	-24.20
	II	0.00	0.00	25.37	25.37	2.02	-23.35	2.54	-20.81	94.51	1.27	-22.08
	III	0.00	0.00	22.96	22.96	0.63	-22.33	2.30	-20.03	35.66	0.86	-20.89

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF MARCH

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((7-6)	Regene-raton @ 10% of column (6)	Total (8+9)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (10-11 or 12) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	3.22	0.66	12.72	16.60	61.89	45.29	1.66	46.95	37.76	41.80	9.19
	II	2.51	0.34	12.35	15.20	89.40	74.20	1.52	75.72	83.15	91.62	-7.43
	III	1.74	0.17	17.05	18.96	64.07	45.11	1.90	47.01	70.94	50.02	-3.01
1978	I	2.30	0.85	11.77	14.92	129.87	114.95	1.49	116.44	61.08	82.83	55.36
	II	1.12	0.54	10.30	11.96	94.12	82.16	1.20	83.36	44.30	73.48	39.05
	III	0.87	0.50	8.58	9.95	96.05	86.10	1.00	87.10	40.03	80.57	47.06
1979	I	3.97	4.08	17.38	25.43	82.18	56.75	2.54	59.29	15.75	19.74	43.54
	II	2.96	3.50	9.01	15.47	38.57	23.10	1.55	24.65	17.30	15.90	8.75
	III	2.73	2.23	5.34	10.30	119.59	109.29	1.03	110.32	86.99	49.44	60.88
1980	I	0.00	0.03	8.45	8.48	19.96	11.48	0.85	12.33	0.00	0.00	12.33
	II	0.00	0.00	7.61	7.61	25.64	18.03	0.76	18.79	0.00	0.00	18.79
	III	0.00	0.00	8.78	8.78	24.74	15.96	0.88	16.84	0.00	0.00	16.84
1981	I	0.00	0.00	9.59	9.59	16.71	7.12	0.96	8.08	0.00	1.77	8.08
	II	0.00	0.00	6.65	6.65	16.21	9.56	0.67	10.23	0.00	1.59	10.23
	III	0.00	0.00	4.83	4.83	16.17	11.34	0.48	11.82	0.00	1.47	11.82
1982	I	0.45	0.46	18.15	19.06	50.45	31.39	1.91	33.30	0.00	11.53	33.30
	II	0.26	0.12	16.72	17.10	26.79	9.69	1.71	11.40	0.00	6.43	11.40
	III	0.09	0.04	14.95	15.08	19.59	4.51	1.51	6.02	10.97	6.50	-0.48
1983	I	0.24	0.49	15.09	15.82	22.70	6.88	1.58	8.46	0.00	5.07	8.46
	II	0.06	0.25	15.51	15.82	16.05	0.23	1.58	1.81	0.00	5.73	1.81
	III	0.01	0.09	15.79	15.89	19.13	3.24	1.59	4.83	0.00	6.05	4.83
1984	I	1.04	1.79	11.43	14.26	26.73	12.47	1.43	13.90	0.00	10.89	13.90
	II	0.28	1.47	12.32	14.07	38.91	24.84	1.41	26.25	0.00	10.41	26.25
	III	0.01	0.89	13.04	13.94	36.00	22.06	1.39	23.45	0.00	9.51	23.45
1985	I	0.11	0.53	15.28	15.92	49.67	33.75	1.59	35.34	12.89	38.51	22.45
	II	0.00	0.46	16.31	16.77	46.83	30.06	1.68	31.74	10.66	18.95	21.07
	III	0.00	0.37	14.25	14.62	73.38	58.76	1.46	60.22	20.56	56.70	39.66
1986	I	1.08	2.04	17.88	21.00	47.30	26.30	2.10	28.40	0.00	13.15	28.40
	II	0.68	1.48	18.46	20.62	52.21	31.59	2.06	33.65	0.00	13.31	33.65
	III	0.10	0.91	18.79	19.80	52.22	32.42	1.98	34.40	0.00	13.27	34.40
1987	I	0.00	0.52	14.35	14.87	47.26	32.39	1.49	33.88	0.00	15.15	33.88
	II	0.00	0.39	10.85	11.24	46.77	35.53	1.12	36.65	0.00	12.67	36.65
	III	0.00	0.12	10.76	10.88	48.83	37.95	1.09	39.04	0.00	13.54	39.04
	I	0.00	0.14	15.21	15.35	66.42	51.07	1.54	52.61	0.00	22.28	52.61

1988	II	0.00	0.08	14.16	14.24	69.07	54.83	1.42	56.25	0.00	35.36	56.25
	III	0.00	0.04	14.38	14.42	57.34	42.92	1.44	44.36	0.00	33.92	44.36
1989	I	0.00	0.00	14.30	14.30	75.72	61.42	1.43	62.85	0.00	72.54	62.85
	II	0.00	0.00	10.12	10.12	78.52	68.40	1.01	69.41	0.00	47.25	69.41
	III	0.00	0.00	13.67	13.67	78.03	64.36	1.37	65.73	0.00	33.19	65.73
1990	I	0.00	0.00	7.62	7.62	33.49	25.87	0.76	26.63	0.00	8.26	26.63
	II	0.00	0.00	5.86	5.86	22.52	16.66	0.59	17.25	0.00	7.42	17.25
	III	0.00	0.00	4.09	4.09	15.36	11.27	0.41	11.68	0.00	6.82	11.68
1991	I	0.00	0.00	40.75	40.75	108.10	67.35	4.08	71.43	0.00	106.81	71.43
	II	0.00	0.00	16.90	16.90	58.72	41.82	1.69	43.51	0.00	102.20	43.51
	III	0.00	0.00	18.04	18.04	53.94	35.90	1.80	37.70	0.00	111.35	37.70
1992	I	0.00	0.00	4.35	4.35	42.82	38.47	0.44	38.91	2.49	17.41	36.41
	II	0.00	0.00	3.95	3.95	43.48	39.53	0.40	39.93	0.00	34.76	39.93
	III	0.00	0.00	2.01	2.01	42.63	40.62	0.20	40.82	4.59	26.46	36.23
1993	I	0.00	0.00	45.43	45.43	85.43	40.00	4.54	44.54	0.00	66.54	44.54
	II	0.00	0.00	39.80	39.80	79.65	39.85	3.98	43.83	0.00	62.91	43.83
	III	0.00	0.00	3.20	3.20	72.75	69.55	0.32	69.87	0.00	88.10	69.87
1994	I	0.00	0.00	3.65	3.65	49.28	45.63	0.37	46.00	0.00	55.24	46.00
	II	0.00	0.00	3.25	3.25	51.78	48.53	0.33	48.86	0.00	68.60	48.86
	III	0.00	0.00	1.49	1.49	46.78	45.29	0.15	45.44	0.00	73.76	45.44
1995	I	0.00	0.00	7.12	7.12	84.51	77.39	0.71	78.10	49.18	72.15	28.92
	II	0.00	0.00	7.95	7.95	49.00	41.05	0.80	41.85	84.85	122.40	-43.01
	III	0.00	0.00	11.07	11.07	123.45	112.38	1.11	113.49	4.953	40.35	108.53
1996	I	0.00	0.00	11.25	11.25	91.06	79.81	1.13	80.94	0.45	18.14	80.49
	II	0.00	0.00	5.28	5.28	66.89	61.61	0.53	62.14	0.00	20.60	62.14
	III	0.00	0.00	5.76	5.76	65.75	59.99	0.58	60.57	0.00	25.48	60.57
1997	I	0.00	0.00	5.77	5.77	51.78	46.01	0.58	46.59	4.71	20.26	41.88
	II	0.00	0.00	6.04	6.04	51.57	45.53	0.60	46.13	1.78	21.15	44.35
	III	0.00	0.00	5.79	5.79	57.83	52.04	0.58	52.62	11.84	35.26	40.77
1998	I	0.00	1.90	8.39	10.29	51.71	41.42	1.03	42.45	40.76	13.73	28.72
	II	0.00	2.69	6.56	9.25	49.41	40.16	0.93	41.09	40.31	15.12	25.97
	III	0.00	2.52	6.43	8.95	50.18	41.23	0.90	42.13	36.22	14.50	27.63
1999	I	0.00	0.00	2.89	2.89	42.00	39.11	0.29	39.40	20.90	51.28	18.50
	II	0.00	0.00	0.00	0.00	58.40	58.40	0.00	58.40	24.42	72.64	33.98
	III	0.00	0.00	0.00	0.00	41.79	41.79	0.00	41.79	5.18	57.99	36.61
2000	I	0.00	0.00	17.46	17.46	29.09	11.63	1.75	13.38	1.79	21.05	11.59
	II	0.00	0.00	16.79	16.79	22.31	5.52	1.68	7.20	0.00	22.11	7.20
	III	0.00	0.00	16.38	16.38	15.17	-1.21	1.64	0.43	0.00	24.92	0.43
2001	I	0.00	0.00	46.00	46.00	0.78	-45.22	4.60	-40.62	0.00	1.29	-40.62
	II	0.00	0.00	44.23	44.23	0.51	-43.72	4.42	-39.30	0.00	1.50	-39.30
	III	0.00	0.00	30.95	30.95	0.31	-30.64	3.10	-27.55	0.00	1.78	-27.55
2002	I	0.00	0.00	19.28	19.28	6.07	-13.21	1.93	-11.28	0.00	5.28	-11.28
	II	0.00	0.00	18.28	18.28	3.88	-14.40	1.83	-12.57	0.00	4.82	-12.57
	III	0.00	0.00	17.69	17.69	3.41	-14.28	1.77	-12.51	0.00	4.70	-12.51
2003	I	0.00	0.00	19.50	19.50	1.11	-18.39	1.95	-16.44	0.00	2.29	-16.44
	II	0.00	0.00	19.30	19.30	0.90	-18.40	1.93	-16.47	0.00	1.03	-16.47
	III	0.00	0.00	18.95	18.95	0.41	-18.54	1.90	-16.65	0.00	0.24	-16.65
2004	I	0.00	0.00	27.65	27.65	3.56	-24.09	2.77	-21.33	0.00	25.65	-21.33
	II	0.00	0.00	25.14	25.14	2.45	-22.69	2.51	-20.18	0.00	19.00	-20.18
	III	0.00	0.00	23.74	23.74	1.35	-22.39	2.37	-20.02	0.00	4.22	-20.02

AVERAGE 10-daily DISCHARGE DATA OF RIVER KALILSINDH AT SALAWAD, PARWAN AT AKLERA, PARWATI AT KHATOLI AND CHAMBAL AT PALGHAT & MANDAWARA MEASURED BY C.W.C. & SPILLAGE FROM KOTA BARRAGE BY IRRIGAION DEPARTMENT RAJASTHAN NET DISCHARGE AVAIALBLE AT PALIGHAT FOR PIPALDA Lift.Irrigation.Project.

FOR THE MONTH OF JANUARY

Discharge in cumec

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((6-5)	Regene-raton @ 10% of column (5)	Total (7+8)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (9-10 or 11) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1977	I	5.88	2.12	13.34	21.34	140.77	119.43	2.13	121.56	115.16	90.46	31.10
	II	4.96	1.52	13.89	20.37	98.70	78.33	2.04	80.37	63.83	51.52	28.85
	III	4.83	1.46	11.76	18.05	71.05	53.00	1.81	54.81	19.59	10.94	43.87
1978	I	4.39	2.69	23.64	30.72	115.21	84.49	3.07	87.56	87.65	366.04	-0.09
	II	4.99	1.97	21.64	28.60	124.43	95.83	2.86	98.69	95.55	465.97	3.14
	III	3.55	1.70	14.86	20.11	147.41	127.30	2.01	129.31	95.64	433.11	33.67
1979	I	3.42	3.94	10.69	18.05	82.43	64.38	1.81	66.19	27.89	15.70	50.49
	II	3.54	3.15	14.22	20.91	74.00	53.09	2.09	55.18	6.09	9.10	49.09
	III	7.23	3.72	15.90	26.85	66.56	39.71	2.69	42.40	20.95	7.27	35.13
1980	I	0.52	0.42	11.06	12.00	149.63	137.63	1.20	138.83	82.27	80.56	58.27
	II	0.24	0.34	13.62	14.20	120.54	106.34	1.42	107.76	83.52	101.96	24.24
	III	0.29	0.34	12.32	12.95	48.10	35.15	1.30	36.45	63.62	85.38	-27.18
1981	I	0.00	0.12	18.93	19.05	17.93	-1.12	1.91	0.78	0.00	1.90	0.78
	II	0.00	0.24	18.03	18.27	16.10	-2.17	1.83	-0.34	0.00	1.68	-0.34
	III	0.00	0.26	16.03	16.29	11.60	-4.69	1.63	-3.06	0.00	1.84	-3.06
1982	I	1.09	0.98	7.26	9.33	54.32	44.99	0.93	45.92	22.00	56.43	23.93
	II	1.64	0.58	9.83	12.05	42.70	30.65	1.21	31.86	18.92	29.79	12.94
	III	2.62	2.69	17.88	23.19	105.85	82.66	2.32	84.98	88.92	131.26	-3.94
1983	I	2.07	1.42	19.75	23.24	98.22	74.98	2.32	77.30	80.39	80.47	-3.09
	II	1.47	1.02	19.71	22.20	140.57	118.37	2.22	120.59	39.72	55.21	80.87
	III	1.11	0.92	17.63	19.66	58.02	38.36	1.97	40.33	0.00	6.45	40.33
1984	I	3.51	1.84	32.31	37.66	88.66	51.00	3.77	54.77	225.58	219.98	-165.21
	II	2.84	2.45	27.27	32.56	90.94	58.38	3.26	61.64	75.40	129.96	-13.76
	III	1.98	2.64	19.17	23.79	40.73	16.94	2.38	19.32	0.00	13.51	19.32
	I	2.95	0.98	20.38	24.31	95.56	71.25	2.43	73.68	66.65	87.30	7.03

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((6-5)	Regene-raton @ 10% of column (5)	Total (7+8)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (9-10 or 11) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1985	II	1.93	0.85	20.05	22.83	99.64	76.81	2.28	79.09	45.24	75.77	33.85
	III	1.76	0.78	18.01	20.55	72.83	52.28	2.06	54.34	6.48	15.80	47.85
1986	I	4.31	3.58	22.99	30.88	144.05	113.17	3.09	116.26	152.99	195.17	-36.73
	II	3.97	2.95	19.82	26.74	117.57	90.83	2.67	93.50	67.78	117.25	25.72
	III	4.03	2.68	21.49	28.20	80.22	52.02	2.82	54.84	13.75	32.60	41.09
1987	I	0.35	1.50	16.73	18.58	161.60	143.02	1.86	144.88	112.72	127.00	32.16
	II	3.04	3.20	16.26	22.50	95.13	72.63	2.25	74.88	11.02	67.29	63.86
	III	1.21	2.06	13.38	16.65	55.55	38.90	1.67	40.57	1.50	17.22	39.07
1988	I	0.17	1.99	17.06	19.22	69.00	49.78	1.92	51.70	0.00	9.80	51.70
	II	0.00	1.76	19.00	20.76	73.54	52.78	2.08	54.86	0.00	15.20	54.86
	III	0.00	0.76	17.64	18.40	82.33	63.93	1.84	65.77	0.00	14.09	65.77
1989	I	0.00	1.13	25.73	26.86	89.93	63.07	2.69	65.76	0.00	32.99	65.76
	II	0.00	0.96	24.26	25.22	92.65	67.43	2.52	69.95	0.00	39.62	69.95
	III	0.00	0.31	21.83	22.14	79.72	57.58	2.21	59.79	0.00	43.70	59.79
1990	I	0.00	0.00	40.87	40.87	119.19	78.32	4.09	82.41	0.00	26.75	82.41
	II	0.00	0.00	12.20	12.20	56.81	44.61	1.22	45.83	0.00	15.67	45.83
	III	0.00	0.00	7.37	7.37	30.04	22.67	0.74	23.41	0.00	11.99	23.41
1991	I	0.54	1.30	28.12	29.96	101.11	71.15	3.00	74.15	0.00	37.53	74.15
	II	0.24	0.48	25.64	26.36	93.59	67.23	2.64	69.87	0.00	36.41	69.87
	III	0.09	0.40	25.68	26.17	86.67	60.50	2.62	63.12	0.00	30.87	63.12
1992	I	0.00	0.11	7.18	7.29	76.28	68.99	0.73	69.72	0.00	17.61	69.72
	II	0.00	0.12	6.44	6.56	71.04	64.48	0.66	65.14	0.00	16.74	65.14
	III	0.00	0.11	8.85	8.96	66.86	57.90	0.90	58.80	0.00	22.40	58.80
1993	I	0.00	0.12	5.55	5.67	75.18	69.51	0.57	70.08	0.00	34.85	70.08
	II	0.00	0.08	5.80	5.88	68.83	62.95	0.59	63.54	0.00	39.73	63.54
	III	0.00	0.00	5.57	5.57	64.39	58.82	0.56	59.38	0.00	39.84	59.38
1994	I	0.00	1.66	5.31	6.97	61.04	54.07	0.70	54.77	0.00	23.91	54.77
	II	0.00	2.17	7.39	9.56	67.27	57.71	0.96	58.67	0.00	35.20	58.67
	III	0.00	1.74	3.07	4.81	67.31	62.50	0.48	62.98	0.00	34.78	62.98
1995	I	0.00	0.58	9.37	9.95	62.60	52.65	1.00	53.65	35.54	23.91	29.74
	II	0.00	0.59	12.62	13.21	26.20	12.99	1.32	14.31	58.57	35.98	-21.67
	III	0.00	0.34	7.95	8.29	85.82	77.53	0.83	78.36	50.31	34.79	43.57
1996	I	0.00	0.81	19.51	20.32	109.70	89.38	2.03	91.41	55.66	77.30	35.75
	II	0.00	0.92	15.57	16.49	112.40	95.91	1.65	97.56	50.47	72.15	47.08
	III	0.00	0.30	11.91	12.21	112.80	100.59	1.22	101.81	88.77	108.10	13.04

Year	Period	Kali-sindh at Salawad	Parwan at Aklera	Parwati at Khatoli	Total	Chambal at Palighat	Balance at Palighat ((6-5)	Regene-raton @ 10% of column (5)	Total (7+8)	Spillage from Kota Barrage	Chambal at Manda- wara	Balance for Pipalda Lift (9-10 or 11) whichever is less
1	2	3	4	5	6	7	8	9	10	11	12	13
1997	I	0.00	1.01	9.64	10.65	67.34	56.69	1.07	57.76	19.05	23.80	38.71
	II	0.00	0.82	10.81	11.63	56.68	45.05	1.16	46.21	0.00	7.92	46.21
	III	0.00	0.30	12.29	12.59	59.32	46.73	1.26	47.99	2.71	12.94	45.28
1998	I	0.00	26.69	68.46	95.15	202.90	107.75	9.52	117.27	14.78	191.60	102.49
	II	0.00	15.51	38.84	54.35	125.10	70.75	5.44	76.19	31.66	98.55	44.52
	III	0.00	7.31	28.08	35.39	89.27	53.88	3.54	57.42	39.17	27.20	30.22
1999	I	0.00	0.02	12.73	12.75	45.28	32.53	1.28	33.81	0.90	36.02	32.90
	II	0.00	0.00	11.85	11.85	51.70	39.85	1.19	41.04	5.53	39.35	35.51
	III	0.00	0.00	11.05	11.05	55.44	44.39	1.11	45.50	9.33	43.15	36.17
2000	I	0.00	0.02	39.53	39.55	39.78	0.23	3.96	4.19	15.02	23.07	-10.83
	II	0.00	0.00	41.58	41.58	35.39	-6.19	4.16	-2.03	0.00	25.72	-2.03
	III	0.00	0.00	41.58	41.58	33.12	-8.46	4.16	-4.30	2.94	26.77	-7.24
2001	I	0.00	0.00	56.09	56.09	10.28	-45.81	5.61	-40.20	0.00	17.48	-40.20
	II	0.00	0.00	52.89	52.89	8.48	-44.41	5.29	-39.12	0.00	13.09	-39.12
	III	0.00	0.00	46.62	46.62	4.45	-42.17	4.66	-37.51	0.00	8.49	-37.51
2002	I	0.00	0.00	32.74	32.74	32.61	-0.13	3.27	3.14	0.00	11.10	3.14
	II	0.00	0.00	44.42	44.42	42.87	-1.55	4.44	2.89	0.00	12.28	2.89
	III	0.00	0.00	44.45	44.45	31.67	-12.78	4.45	-8.34	0.00	12.64	-8.34
2003	I	0.00	0.00	21.96	21.96	0.83	-21.13	2.20	-18.93	0.00	3.14	-18.93
	II	0.00	0.00	21.37	21.37	0.77	-20.60	2.14	-18.46	0.00	3.10	-18.46
	III	0.00	0.00	20.66	20.66	0.77	-19.89	2.07	-17.82	0.00	2.72	-17.82
2004	I	0.00	0.00	37.05	37.05	32.00	-5.05	3.71	-1.35	0.00	41.58	-1.35
	II	0.00	0.00	35.28	35.28	24.48	-10.80	3.53	-7.27	0.00	46.43	-7.27
	III	0.00	0.00	35.43	35.43	32.47	-2.96	3.54	0.58	0.00	60.64	0.58

Appendix IX

Soil Type Classification and Nomenclature Details

Appendix IX

Soil Type Classification and Nomenclature Details

In terms of soil texture, soil type[1] usually refers to the different sizes of mineral particles in a particular sample. Soil is made up in part of finely ground rock particles, grouped according to size as sand and silt in addition to clay, organic material such as decomposed plant matter.

Each component, and their size, play an important role. For example, the largest particles, sand, determine aeration and drainage characteristics, while the tiniest, sub-microscopic clay particles, are chemically active, binding with water and plant nutrients. The ratio of these sizes determines soil type: clay, loam, clay-loam, silt-loam, and so on.

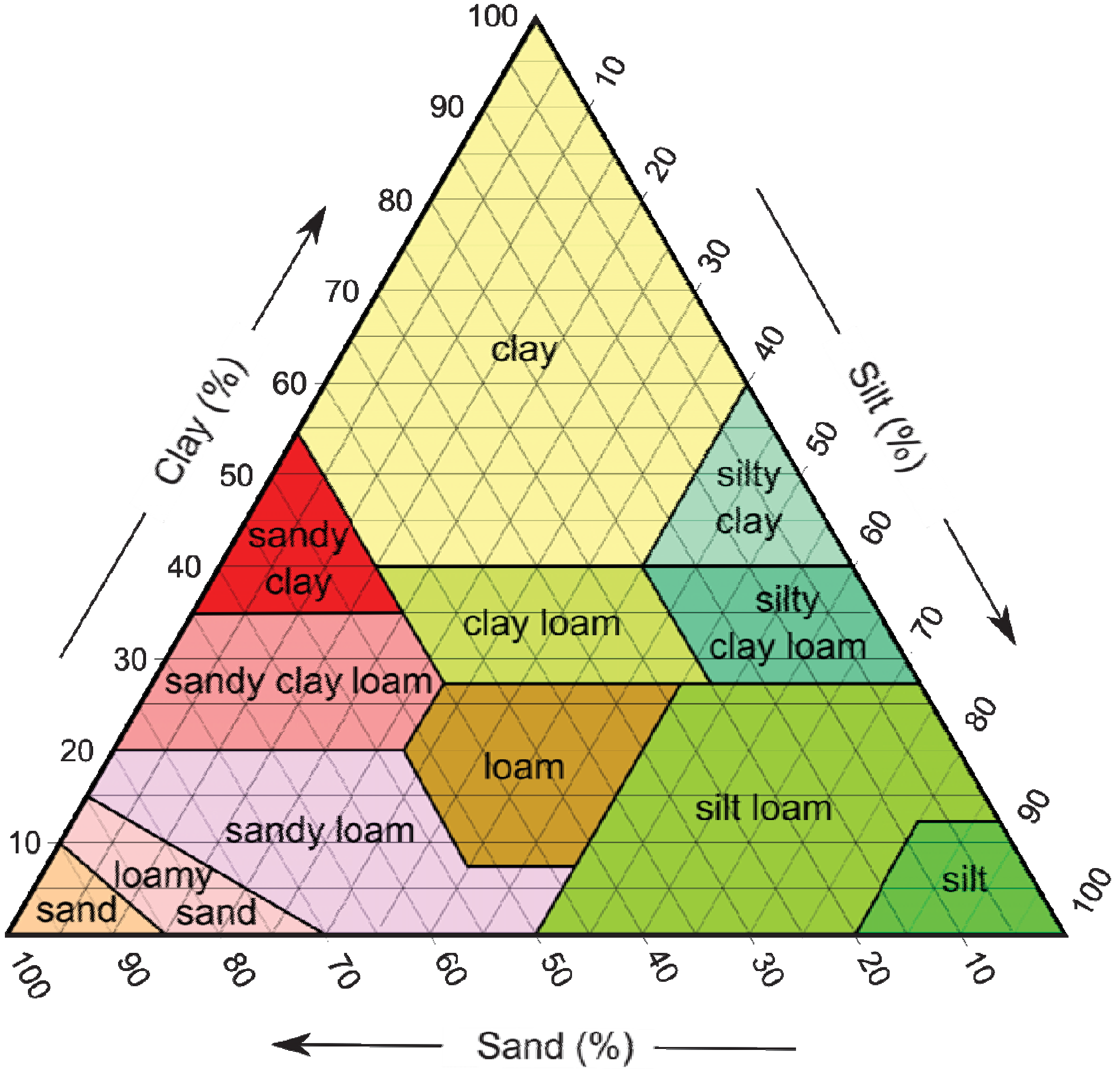

Figure: Soil types by clay, silt and sand composition

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[1] http://soils.usda.gov/technical/aids/investigations/texture/

Sand, Silt and Clay percentage of all soil layers (Source: Soil Atlas of Rajasthan, SRSAC, Jodhpur) were available and these layers are then classified into appropriate soil texture class by the relative proportion of the three kinds of soil particles as shown in above Texture triangle.

The sides of the soil texture triangle are scaled for the percentages of sand, silt, and clay. Clay percentages are read from left to right across the triangle. Silt is read from the upper right to lower left. Sand from lower right towards the upper left portion of the triangle. The intersection of the three sizes on the triangle give the texture class. For instance, if you have a soil with 20% clay, 60% silt, and 20% sand it falls in the "silt loam" class.

Appendix X

Details of WHS constructed after 2007

Appendix X

Details of WHS constructed after 2007

Table 1: WHS Constructed between Year 2007 and Year 2010 in Various Basins

Basin	Sub-basin	Upto Year 2007	Additional WHS Constructed upto Year 2010 *	Total WHS	% increase in WHS Count
Banas	Banas	6,988	88	7,076	1.26
	Berach	4,039	66	4,105	1.63
	Dain	2,888	20	2,908	0.69
	Gudia	815	6	821	0.74
	Kalisil	247	7	254	2.83
	Khari	5,502	73	5,575	1.33
	Kothari	1,863	23	1,886	1.23
	Mashi	4,097	88	4,185	2.15
	Morel	2,887	35	2,922	1.21
	Sodra	1,803	37	1,840	2.05
Basin Summary		**31,129**	**443**	**31,572**	**1.42**
Banganga	Banganga	4,009	30	4,039	0.75
Basin Summary		**4,009**	**30**	**4,039**	0.75
Chambal	Chakan	223	4	227	1.79
	Chambal Downstream	1,341	17	1,358	1.27
	Chambal Upstream	1,173	53	1,226	4.52
	Kali Sindh	3,244	56	3,300	1.73
	Kunu	168	6	174	3.57
	Mej	1,801	63	1,864	3.50
	Parwati	1,325	57	1,382	4.30
Basin Summary		**9,275**	**256**	**9,531**	**2.76**
Gambhir	Gambhir	1,895	18	1,913	0.95
Basin Summary		**1,895**	**18**	**1,913**	0.95
Ghaggar	Ghaggar		97	97	--
Basin Summary			**97**	**97**	--
Luni	Bandi	248	0	248	0.00
	Bandi (Hemawas)	562	5	567	0.89
	Guhiya	1,493	12	1,505	0.80
	Jawai	735	2	737	0.27
	Jojri	1,879	45	1,924	2.39
	Khari	1,102	3	1,105	0.27
	Khari (Hemawas)	395	8	403	2.03
	Luni	3,782	488	4,270	12.9
	Mithari	746	0	746	0.00
	Sagi	430	5	435	1.16
	Sukri	1,373	7	1,380	0.51
	Sukri (Sayala)	158	0	158	0.00
Basin Summary		**12,903**	**575**	**13,478**	**4.46**
Mahi	Anas	542	22	564	4.06
	Bhadar	73	1	74	1.37
	Jakham	477	14	491	2.94

Basin	Sub-basin	Upto Year 2007	Additional WHS Constructed upto Year 2010 *	Total WHS	% increase in WHS Count
	Mahi	1,741	39	1,780	2.24
	Moran	185	9	194	4.86
	Som	1,872	22	1,894	1.18
Basin Summary		**4,890**	**107**	**4,997**	**2.19**
Other Nallahs of Jalore	Other Nallahs of Jalore	605	5	610	0.83
Basin Summary		**605**	**5**	**610**	**0.83**
Outside Basin	Fragmented		18	18	SRSAC data on WHS for this region was not available, WHS are fresh captured from Satellite images.
	Sub 1		111	111	
	Sub 2		32	32	
	Sub 3		506	506	
	Sub 4		206	206	
	Sub 5		599	599	
	Sub 6		195	195	
Basin Summary			**1,667**	**1,667**	
Parbati	Parbati	707	20	727	2.83
Basin Summary		**707**	**20**	**727**	**2.83**
Ruparail	Ruparail	1,557	2	1,559	0.13
Basin Summary		**1,557**	**2**	**1,559**	**0.13**
Sabarmati	Sabarmati	138	0	138	0.00
	Sei	109	0	109	0.00
	Vatrak	387	0	387	0.00
	Wakal	247	1	248	0.40
Basin Summary		**881**	**1**	**882**	**0.11**
Sabi	Sabi	1,415	21	1,436	1.48
Basin Summary		**1,415**	**21**	**1,436**	**1.48**
Shekhawati	Dohan	546	20	566	3.66
	Kantli	483	0	483	0.00
	Mendha	1,372	7	1,379	0.51
Basin Summary		**2,401**	**27**	**2,428**	**1.12**
Sukli	Sukli	545	0	545	0.00
Basin Summary		**545**	**0**	**545**	**0.00**
West Banas	West Banas	545	3	548	0.55
Basin Summary		**545**	**3**	**548**	**0.55**

Summary of WHS constructed in various project catchments between year 2007 and 2010 are presented as below.

Table 2: WHS Constructed between Year 2007 and Year 2010 in Various Project Catchment

Basin	Project Catchment	WHS Constructed till Year 2007*	WHS Constructed between period 2007-2010 #	Total	Percentage increment in WHS Count, %
Banas	Arwar Dam	1,227	5	1,232	0.41
	Badgaon	831	9	840	1.08
	Bagoliya	176	0	176	0.00
	Bassi	125	1	126	0.80
	Bhopalsagar	189	0	189	0.00
	Bisalpur	18,569	246	18,815	1.32
	Chandra Bhaga	217	4	221	1.84
	Chandsen Bheru Sagar	247	0	247	0.00
	Chhaparwada	386	32	418	8.29
	Dheel	742	5	747	0.67
	Dindoli	20	0	20	0.00
	Galwa Dam	281	1	282	0.36
	Gambhiri	188	7	195	3.72
	Gosunda Irrigation Proj.	2,224	15	2,239	0.67
	Hingoniya	210	3	213	1.43
	Jetpura	36	3	39	8.33
	Kalakh Sagar	88	0	88	0.00
	Kalisil	155	4	159	2.58
	Khari Dam	512	6	518	1.17
	Kothari Dam	1,844	22	1,866	1.19
	Lassaria Irrigation Project	2,149	15	2,164	0.70
	Mandal	105	0	105	0.00
	Mashi	3,634	84	3,718	2.31
	Mataji Ka Khera	40	0	40	0.00
	Matrikundia	1,605	27	1,632	1.68
	Meja	1,308	16	1,324	1.22
	Mora Sagar	43	0	43	0.00
	Morel Bund	1,452	16	1,468	1.10
	Moti Sagar	77	1	78	1.30
	Murlia	66	1	67	1.52
	Nahar Sagar	669	9	678	1.35
	Nandsamand	272	3	275	1.10
	Narain Sagar Jalia Lind	24	0	24	0.00
	Orai	42	0	42	0.00
	Rajsamand	272	13	285	4.78
	Sareri Dam	521	3	524	0.58
	Surawal	213	1	214	0.47
	Tordi Sagar	1,140	22	1,162	1.93
	Udai Sagar	176	0	176	0.00
	Ummed Sagar	427	8	435	1.87

Basin	Project Catchment	WHS Constructed till Year 2007*	WHS Constructed between period 2007-2010 #	Total	Percentage increment in WHS Count, %
	Vallabhnagar	504	2	506	0.40
	Wagan Project	117	0	117	0.00
Banganga	Ajan Lower	106	0	106	0.00
	Kala Kho	100	8	108	8.00
	Kharad	26	0	26	0.00
	Madho Sagar	9	0	9	0.00
	Ramgarh	299	0	299	0.00
	Sainthal Sagar	455	2	457	0.44
Chambal	Abhaypura	34	1	35	2.94
	Alnia Irrigation Project	25	1	26	4.00
	Bethali	20	3	23	15.00
	Bhim Sagar	64	2	66	3.13
	Bhimlat Dam	34	1	35	2.94
	Bilas Dam	37	1	38	2.70
	Bundi Ka Gothra	152	14	166	9.21
	Burdha Dam	66	4	70	6.06
	Chauli	79	0	79	0.00
	Chhapi	38	0	38	0.00
	Dugari	73	0	73	0.00
	Gagrain	106	2	108	1.89
	Galwania	49	0	49	0.00
	Gopalpura	43	5	48	11.63
	Gudha	212	14	226	6.60
	Harishchandra Sagar	1,577	34	1,611	2.16
	Jawahar Sagar Dam	1,149	52	1,201	4.53
	Kota Barrage	1,173	53	1,226	4.52
	Lhasi	28	2	30	7.14
	Mansarovar	8	0	8	0.00
	Parwan Lift	741	10	751	1.35
	Parwan Pickup Weir	556	8	564	1.44
	Parwati Pickup Weir	434	26	460	5.99
	Piplad	22	1	23	4.55
	Rana Pratap Sagar Dam	594	20	614	3.37
	Sawan Bhadon	36	0	36	0.00
	Takli	29	0	29	0.00
	Ummed Sagar	113	8	121	7.08
Gambhir	Baretha	74	1	75	1.35
	Juggar	70	2	72	2.86
	Panchana Dam	294	4	298	1.36
Luni	Angore Dam	69	1	70	1.45
	Bandi Sendra	171	0	171	0.00
	Bankli Bund	861	4	865	0.46
	Bisalpura Bund	437	2	439	0.46
	Giroliya Tank	391	2	393	0.51
	Hemawas Bund	345	8	353	2.32
	Jaswant Sagar	2,072	10	2,082	0.48

Basin	Project Catchment	WHS Constructed till Year 2007*	WHS Constructed between period 2007-2010 #	Total	Percentage increment in WHS Count, %
	Jawai Bund	192	0	192	0.00
	Kharda Bund	17	1	18	5.88
	Ora Bund	87	0	87	0.00
	Phool Sagar Jaliya	86	0	86	0.00
	Raipur Luni	205	4	209	1.95
	Sardar Samand	1,032	9	1,041	0.87
Mahi	Jaisamand	563	7	570	1.24
	Jakham	166	8	174	4.82
	Mahi Bajaj Sagar	280	19	299	6.79
	Som Kamla Amba	1,522	15	1,537	0.99
	Somkagdar	160	1	161	0.63
	Surwania	17	0	17	0.00
Parbati	Parbati Dam	422	11	433	2.61
	Ramsagar Dam	56	5	61	8.93
	Urmila Sagar	5	0	5	0.00
Ruparail	Jai Samand Bund	39	0	39	0.00
	Sikri Bund	470	1	471	0.21
Sabi	Buchara	93	12	105	12.90
	Chhitoli	51	0	51	0.00
Shekhawati	Raipur Patan	42	6	48	14.29
Sukli	Sukli Selwara	151	0	151	0.00
West Banas	West Banas	226	0	226	0.00

* Source: SRSAC waterbody database, 2007

# Source: WHS extracted using post monsoon satellite images of year 2010.

From above table it is evident that maximum number of water bodies are constructed in catchment of Bisalpur dam of Banas basin. These extracted WHS from satellite images includes waterbodies constructed under any watershed works carried out in the basins/catchments.

Appendix XI

Basin-wise Virgin Water Yield Series of Major-Medium Projects

(in soft copy)

Virgin Water Yield Series of Major/Medium Projects in Shekhawati Basin, MCM

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Raipur Patan	1973	0.19	0.05	0.03	0.00	0.18	0.01	1.61	4.60	1.56	0.04	0.01	0.01	8.30
	1974	0.00	0.00	0.00	0.00	0.09	0.37	21.50	1.36	0.07	0.17	0.01	0.09	23.64
	1975	0.03	0.00	0.01	0.00	0.00	0.26	2.23	11.44	11.92	0.30	0.05	0.01	26.25
	1976	0.01	0.02	0.00	0.00	0.00	1.48	0.71	21.62	4.13	0.04	0.01	0.01	28.01
	1977	0.15	0.04	0.00	0.12	0.20	0.51	14.64	29.20	15.14	0.04	0.01	0.01	60.05
	1978	0.00	0.20	0.02	0.03	0.00	0.93	21.45	2.63	1.32	0.09	0.02	0.00	26.69
	1979	0.07	0.23	0.02	0.00	0.00	0.03	0.37	6.61	0.16	0.02	0.04	0.01	7.57
	1980	0.00	0.01	0.11	0.00	0.00	0.60	1.62	0.74	0.03	0.01	0.08	0.16	3.35
	1981	0.05	0.01	0.02	0.00	0.03	0.10	6.32	0.68	0.05	0.01	0.19	0.01	7.45
	1982	0.24	0.19	0.17	0.10	0.39	0.13	0.65	1.24	0.11	0.09	0.01	0.03	3.35
	1983	0.05	0.08	0.04	0.17	0.75	0.47	3.48	1.35	0.62	0.16	0.01	0.00	7.18
	1984	0.00	0.00	0.00	0.02	0.00	0.04	1.18	1.53	1.50	0.04	0.01	0.01	4.33
	1985	0.01	0.00	0.00	0.00	0.00	0.38	0.80	2.69	0.16	0.27	0.01	0.12	4.45
	1986	0.04	0.24	0.02	0.00	0.33	0.27	1.58	3.96	0.14	0.09	0.01	0.00	6.69
	1987	0.20	0.03	0.09	0.00	0.29	0.10	0.38	0.25	0.23	0.01	0.00	0.02	1.61
	1988	0.00	0.11	0.07	0.01	0.00	0.25	1.33	7.16	2.85	0.26	0.02	0.01	12.08
	1989	0.00	0.00	0.01	0.00	0.00	0.08	0.89	1.19	0.26	0.02	0.01	0.00	2.45
	1990	0.00	0.28	0.10	0.00	0.01	0.18	0.95	0.34	0.43	0.10	0.01	0.01	2.40
	1991	0.01	0.00	0.00	0.00	0.01	0.01	1.21	0.75	0.20	0.02	0.01	0.00	2.21
	1992	0.05	0.14	0.00	0.00	0.01	0.03	1.74	2.02	4.22	0.18	0.11	0.02	8.52
	1993	0.00	0.14	0.14	0.00	0.00	0.22	3.32	3.72	0.42	0.03	0.01	0.00	8.01
	1994	0.10	0.00	0.00	0.08	0.01	0.87	3.30	1.92	0.44	0.04	0.01	0.00	6.77
	1995	0.21	0.01	0.19	0.07	0.00	0.34	1.08	9.38	6.79	0.04	0.01	0.01	18.13
	1996	0.00	0.14	0.00	0.00	0.25	15.48	1.80	11.91	3.12	0.04	0.01	0.00	32.75
	1997	0.00	0.00	0.00	0.07	0.00	0.09	0.36	1.86	0.36	0.68	0.05	0.01	3.47
	1998	0.00	0.00	0.01	0.00	0.00	0.07	0.31	0.38	0.58	0.22	0.01	0.00	1.58
	1999	0.01	0.05	0.00	0.00	0.09	0.50	0.36	1.38	0.11	0.01	0.00	0.00	2.52
	2000	0.04	0.07	0.00	0.00	0.02	0.07	1.09	0.55	0.28	0.02	0.00	0.00	2.13
	2001	0.00	0.00	0.00	0.02	0.22	0.57	1.13	0.33	0.02	0.23	0.01	0.00	2.53
	2002	0.00	0.15	0.04	0.00	0.05	0.29	0.03	0.69	0.05	0.01	0.00	0.01	1.32
	2003	0.07	0.09	0.01	0.00	0.00	0.05	1.89	1.40	2.08	0.15	0.02	0.04	5.80
	2004	0.01	0.00	0.00	0.00	0.02	0.15	0.39	3.61	0.24	0.33	0.02	0.01	4.77
	2005	0.00	0.10	0.16	0.01	0.24	1.05	12.12	0.27	2.46	0.21	0.02	0.01	16.63
	2006	0.00	0.00	0.22	0.01	0.16	0.19	4.22	0.87	0.22	0.02	0.01	0.01	5.93
	2007	0.02	0.32	0.39	0.10	0.11	0.07	0.58	0.85	1.24	0.04	0.01	0.00	3.74
	2008	0.00	0.00	0.00	0.00	0.63	2.27	1.40	5.48	2.11	0.04	0.01	0.00	11.94
	2009	0.00	0.00	0.00	0.00	0.09	0.14	0.65	1.07	0.55	0.07	0.01	0.00	2.60
	2010	0.00	0.06	0.13	0.00	0.00	0.12	6.86	51.22	28.98	0.09	0.05	0.08	87.57
	% flow	**0.34**	**0.59**	**0.43**	**0.18**	**0.90**	**6.19**	**27.01**	**42.65**	**20.47**	**0.90**	**0.19**	**0.15**	
Mean		**0.04**	**0.07**	**0.05**	**0.02**	**0.11**	**0.76**	**3.30**	**5.22**	**2.50**	**0.11**	**0.02**	**0.02**	**12.23**

Virgin Water Yield Series of Major/Medium Projects in Ruparail Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Jai Samand	1973	0.03	0.00	0.01	0.00	0.07	0.03	1.21	22.19	6.99	0.28	0.01	0.01	30.82
	1974	0.00	0.00	0.00	0.00	0.00	0.00	4.36	14.99	0.35	0.14	0.01	0.00	19.85
	1975	0.00	0.00	0.00	0.00	0.00	0.08	10.45	27.67	13.05	0.50	0.03	0.00	51.78
	1976	0.00	0.02	0.00	0.00	0.01	0.50	8.22	30.83	3.23	0.14	0.00	0.00	42.95
	1977	0.04	0.03	0.00	0.01	0.03	0.33	30.99	27.35	9.74	0.28	0.01	0.00	68.80
	1978	0.00	0.01	0.02	0.01	0.00	0.14	13.03	14.83	14.57	0.25	0.01	0.01	42.89
	1979	0.01	0.05	0.01	0.00	0.01	0.25	1.87	8.61	0.21	0.02	0.00	0.00	11.03
	1980	0.00	0.00	0.03	0.00	0.00	0.07	7.07	9.07	1.45	0.03	0.00	0.01	17.74
	1981	0.01	0.00	0.00	0.00	0.00	0.06	7.53	8.39	0.17	0.01	0.01	0.00	16.18
	1982	0.01	0.02	0.01	0.02	0.09	0.14	5.29	11.99	4.08	0.12	0.07	0.00	21.83
	1983	0.02	0.04	0.00	0.06	0.06	0.07	17.91	33.72	17.05	0.43	0.03	0.00	69.39
	1984	0.00	0.00	0.00	0.00	0.00	0.10	3.00	2.39	17.47	0.26	0.01	0.00	23.23
	1985	0.01	0.00	0.00	0.00	0.00	0.20	8.91	26.14	0.88	5.66	0.17	0.11	42.06
	1986	0.03	0.17	0.03	0.00	0.02	0.03	0.19	0.51	0.22	0.38	0.02	0.00	1.60
	1987	0.04	0.02	0.01	0.00	0.25	0.05	0.11	0.32	0.72	0.04	0.00	0.04	1.60
	1988	0.00	0.00	0.02	0.00	0.00	0.24	12.60	11.06	1.18	0.21	0.00	0.00	25.31
	1989	0.06	0.00	0.01	0.01	0.00	0.00	0.73	5.55	3.18	0.08	0.00	0.00	9.62
	1990	0.00	0.22	0.53	0.01	0.04	0.11	1.34	4.84	27.55	1.03	0.10	0.03	35.80
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.22	5.26	7.81	0.13	0.03	0.00	13.45
	1992	0.00	0.03	0.00	0.00	0.00	0.05	0.82	25.19	10.54	0.35	0.03	0.00	37.00
	1993	0.00	0.00	0.01	0.01	0.00	0.12	12.21	9.60	10.16	0.40	0.02	0.00	32.53
	1994	0.12	0.01	0.00	0.01	0.04	0.11	2.77	14.03	2.52	0.07	0.00	0.00	19.68
	1995	0.12	0.03	0.00	0.00	0.00	0.05	0.88	25.12	33.49	0.46	0.03	0.00	60.17
	1996	0.00	0.01	0.00	0.00	0.10	24.11	16.24	35.73	7.38	0.32	0.02	0.00	83.91
	1997	0.00	0.00	0.00	0.01	0.01	0.25	1.21	8.50	16.88	0.84	0.22	0.29	28.20
	1998	0.05	0.01	0.02	0.00	0.04	0.11	6.01	12.76	15.12	2.01	0.15	0.01	36.27
	1999	0.00	0.00	0.00	0.00	0.00	0.05	1.17	6.60	7.58	0.29	0.01	0.00	15.71
	2000	0.00	0.00	0.00	0.00	0.01	0.38	7.10	4.89	0.71	0.02	0.00	0.00	13.10
	2001	0.00	0.00	0.00	0.04	0.12	0.62	2.75	2.15	0.18	0.01	0.00	0.00	5.87
	2002	0.02	0.01	0.00	0.00	0.02	0.26	0.13	0.45	0.03	0.00	0.00	0.00	0.91
	2003	0.04	0.12	0.01	0.00	0.00	0.21	24.59	20.05	5.36	0.15	0.01	0.02	50.55
	2004	0.00	0.00	0.00	0.00	0.00	0.41	0.15	3.52	1.35	0.21	0.02	0.00	5.66
	2005	0.00	0.00	0.00	0.00	0.01	0.28	13.74	1.06	3.24	1.39	0.03	0.00	19.75
	2006	0.00	0.00	0.10	0.00	0.02	0.06	6.54	7.64	2.14	0.04	0.00	0.00	16.54
	2007	0.00	0.13	0.08	0.04	0.00	0.04	0.61	6.34	6.97	0.24	0.01	0.00	14.46
	2008	0.00	0.00	0.00	0.00	0.13	17.98	12.25	20.19	25.76	1.70	0.08	0.00	78.09
	2009	0.00	0.00	0.00	0.00	0.00	0.06	1.01	4.33	7.08	0.23	0.02	0.00	12.72
	2010	0.00	0.01	0.00	0.00	0.00	0.05	1.75	14.71	46.58	2.27	0.16	0.04	65.58
	% flow	**0.05**	**0.08**	**0.08**	**0.02**	**0.09**	**4.16**	**21.61**	**42.76**	**29.14**	**1.84**	**0.11**	**0.05**	
Mean		**0.02**	**0.03**	**0.02**	**0.01**	**0.03**	**1.25**	**6.50**	**12.86**	**8.76**	**0.55**	**0.03**	**0.01**	**30.07**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Sikri Bund MCM_Final_Out	1973	0.00	0.00	0.00	0.00	0.00	0.00	4.96	107.24	51.89	0.78	0.00	0.00	164.88
	1974	0.00	0.00	0.00	0.00	0.00	0.00	34.44	73.36	0.58	5.33	0.01	0.00	113.72
	1975	0.00	0.00	0.00	0.00	0.00	0.01	98.70	213.55	90.02	9.02	0.06	0.00	411.36
	1976	0.00	0.00	0.00	0.00	0.00	0.98	59.19	208.94	32.35	0.30	0.00	0.00	301.76
	1977	0.04	0.01	0.00	0.00	0.00	0.71	279.09	173.56	96.47	1.13	0.00	0.00	551.02
	1978	0.00	0.00	0.00	0.00	0.00	0.02	61.76	125.27	103.37	0.58	0.00	0.00	291.00
	1979	0.00	0.00	0.00	0.00	0.00	0.57	8.59	37.39	0.08	0.00	0.00	0.00	46.63
	1980	0.00	0.00	0.00	0.00	0.00	0.07	51.96	58.04	3.55	0.00	0.00	0.00	113.61
	1981	0.00	0.00	0.00	0.00	0.00	0.01	80.49	68.33	0.64	0.00	0.00	0.00	149.46
	1982	0.00	0.00	0.00	0.00	0.02	0.02	17.92	95.75	15.45	0.02	0.00	0.00	129.18
	1983	0.04	0.02	0.00	0.00	0.01	0.00	107.62	227.40	117.83	1.57	0.00	0.00	454.50
	1984	0.00	0.00	0.00	0.00	0.00	0.00	9.15	33.99	152.54	0.60	0.00	0.00	196.28
	1985	0.00	0.00	0.00	0.00	0.00	0.00	77.41	190.09	2.87	34.87	0.26	0.05	305.55
	1986	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.26	0.07	0.33	0.00	0.00	0.72
	1987	0.00	0.00	0.00	0.00	0.24	0.00	0.10	2.17	3.76	0.00	0.00	0.00	6.26
	1988	0.00	0.00	0.00	0.00	0.00	0.18	55.39	91.71	4.08	0.15	0.00	0.00	151.50
	1989	0.00	0.00	0.00	0.00	0.00	0.00	1.50	45.08	19.34	0.11	0.00	0.00	66.03
	1990	0.00	0.28	0.79	0.00	0.00	0.03	7.49	32.17	160.21	3.76	0.03	0.00	204.75
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.19	23.17	49.25	0.12	0.00	0.00	72.74
	1992	0.00	0.00	0.00	0.00	0.00	0.00	12.63	168.93	73.67	1.23	0.00	0.00	256.45
	1993	0.00	0.00	0.00	0.00	0.00	0.05	121.60	82.44	61.40	0.99	0.00	0.00	266.49
	1994	0.17	0.00	0.00	0.00	0.00	0.04	51.35	110.97	25.95	0.14	0.00	0.00	188.61
	1995	0.18	0.00	0.00	0.00	0.00	0.00	7.46	329.71	296.27	2.09	0.06	0.00	635.76
	1996	0.00	0.00	0.00	0.00	0.00	163.92	126.53	280.96	130.43	1.49	0.01	0.00	703.34
	1997	0.00	0.00	0.00	0.00	0.00	0.13	8.41	86.62	123.85	24.18	4.15	4.39	251.72
	1998	0.07	0.00	0.00	0.00	0.00	0.00	44.46	124.20	159.98	12.55	0.32	0.00	341.58
	1999	0.00	0.00	0.00	0.00	0.00	0.03	10.04	58.93	64.26	3.95	0.00	0.00	137.20
	2000	0.00	0.00	0.00	0.00	0.00	0.15	52.74	29.28	5.38	0.00	0.00	0.00	87.54
	2001	0.00	0.00	0.00	0.00	0.02	1.88	43.63	38.19	0.43	0.00	0.00	0.00	84.16
	2002	0.00	0.00	0.00	0.00	0.00	0.12	0.05	0.19	0.00	0.00	0.00	0.00	0.36
	2003	0.00	0.00	0.00	0.00	0.00	0.40	184.89	189.98	27.22	0.35	0.00	0.00	402.84
	2004	0.00	0.00	0.00	0.00	0.00	0.12	0.00	87.32	14.79	11.26	0.06	0.00	113.54
	2005	0.00	0.00	0.00	0.00	0.00	16.57	179.67	8.04	27.63	6.89	0.00	0.00	238.80
	2006	0.00	0.00	0.00	0.00	0.00	0.00	34.15	33.51	6.41	0.00	0.00	0.00	74.07
	2007	0.00	0.06	0.00	0.00	0.00	0.16	1.07	38.54	56.66	0.56	0.00	0.00	97.04
	2008	0.00	0.00	0.00	0.00	0.13	180.87	95.35	150.79	182.76	5.80	0.04	0.00	615.75
	2009	0.00	0.00	0.00	0.00	0.00	0.02	2.33	34.47	80.09	0.69	0.00	0.00	117.61
	2010	0.00	0.00	0.00	0.00	0.00	0.00	29.65	142.33	270.35	8.23	0.45	0.10	451.11
	% flow	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**4.17**	**22.31**	**43.24**	**28.56**	**1.58**	**0.06**	**0.05**	
Mean		**0.01**	**0.01**	**0.02**	**0.00**	**0.01**	**9.66**	**51.63**	**100.07**	**66.10**	**3.66**	**0.14**	**0.12**	**231.44**

Virgin Water Yield Series of Major/Medium Projects in Banganga Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Ajan Lower Final Out	1973	0.22	0.00	0.00	0.00	0.00	0.00	0.00	6.31	11.08	7.00	2.74	0.55	27.89
	1974	0.00	0.03	0.00	0.00	0.00	0.00	4.36	25.90	18.93	9.40	2.95	0.34	61.91
	1975	0.02	0.01	0.00	0.00	0.00	0.00	1.26	24.87	43.68	38.26	19.59	8.75	136.44
	1976	2.00	0.11	0.00	0.00	0.00	0.00	4.79	35.69	38.15	24.99	11.31	3.73	120.76
	1977	0.44	0.00	0.00	0.00	0.00	0.00	0.82	21.34	19.40	11.96	4.81	1.40	60.18
	1978	0.11	0.00	0.02	0.00	0.00	0.00	0.75	13.46	16.14	10.01	4.09	0.49	45.07
	1979	0.00	0.01	1.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44
	1980	0.00	0.00	0.00	0.00	0.00	0.00	3.04	13.72	11.09	5.66	1.06	0.16	34.72
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.38	0.57	0.02	0.00	2.03
	1982	0.00	0.00	0.00	0.00	0.00	0.00	1.18	32.66	56.08	38.66	17.78	7.41	153.76
	1983	1.44	0.15	0.02	0.00	0.00	0.00	0.00	12.41	39.17	32.29	15.70	6.88	108.07
	1984	1.12	0.12	0.02	0.00	0.00	0.00	0.00	5.32	23.91	21.94	10.82	4.18	67.43
	1985	0.53	0.08	0.02	0.00	0.00	0.00	0.01	6.87	10.66	6.36	2.08	0.25	26.86
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.11	0.00	0.00	0.56
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	5.36	23.81	22.32	13.54	5.96	1.08	72.07
	1989	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.05	2.67	2.38	0.83	0.00	6.06
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.16	4.37	8.34	12.86	7.27	2.37	35.37
	1991	0.32	0.04	0.01	0.00	0.00	0.00	0.00	0.59	15.49	13.66	6.69	2.10	38.90
	1992	0.15	0.00	0.00	0.00	0.00	0.00	0.19	6.51	13.04	9.82	4.24	0.63	34.58
	1993	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.19	9.78	10.96	5.70	1.23	31.87
	1994	0.13	0.00	0.00	0.00	0.00	0.00	0.00	16.93	18.18	10.08	3.88	0.43	49.63
	1995	0.05	0.00	0.00	0.00	0.00	0.00	0.05	58.34	55.22	38.55	18.00	7.77	177.98
	1996	1.28	0.05	0.00	0.00	0.00	0.00	5.74	25.23	48.27	35.46	16.70	7.11	139.84
	1997	0.77	0.07	0.03	0.00	0.00	0.00	0.00	0.48	9.86	10.26	5.23	1.39	28.08
	1998	0.05	0.00	0.00	0.00	0.00	0.00	0.00	11.73	25.87	24.92	13.85	6.21	82.61
	1999	0.83	0.06	0.02	0.00	0.00	0.00	0.00	1.99	3.76	2.28	0.37	0.00	9.32
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2001	0.00	0.00	0.00	0.00	0.00	0.00	6.46	21.21	14.73	7.17	1.48	0.28	51.32
	2002	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.16	4.78	8.64	4.93	1.39	19.94
	2003	0.10	0.00	0.00	0.00	0.00	0.00	19.41	31.76	31.91	22.72	10.75	3.79	120.42
	2004	0.45	0.07	0.01	0.00	0.00	0.00	0.00	4.73	16.38	11.80	5.49	1.10	40.02
	2005	0.09	0.00	0.00	0.00	0.00	0.00	4.66	16.86	10.40	4.70	0.64	0.04	37.38
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.64	10.04	8.66	4.61	1.39	0.16	25.50
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.23
	2008	0.00	0.00	0.00	0.00	0.00	0.00	4.45	11.05	14.34	17.65	9.79	3.15	60.43
	2009	0.45	0.04	0.01	0.00	0.00	0.00	0.00	0.90	5.07	5.02	2.24	0.27	14.00
	2010	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	6.82	12.86	7.55	3.09	30.34
	% flow	**0.55**	**0.04**	**0.06**	**0.02**	**0.00**	**0.00**	**3.24**	**23.02**	**32.58**	**24.94**	**11.57**	**3.98**	
Mean		**0.28**	**0.02**	**0.03**	**0.01**	**0.00**	**0.00**	**1.67**	**11.83**	**16.74**	**12.82**	**5.94**	**2.05**	**51.39**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Kala Kho	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.83	4.58	1.61	0.39	0.05	0.00	7.46
	1974	0.00	0.00	0.00	0.00	0.00	0.00	9.57	30.27	10.38	3.29	1.43	0.39	55.33
	1975	0.06	0.00	0.00	0.00	0.00	0.00	4.94	26.37	33.10	32.97	11.24	2.97	111.65
	1976	0.66	0.10	0.00	0.00	0.00	0.00	3.01	9.23	4.12	1.53	0.36	0.05	19.06
	1977	0.00	0.00	0.00	0.00	0.00	0.00	17.36	45.77	21.25	9.29	2.45	0.59	96.72
	1978	0.10	0.00	0.00	0.00	0.00	0.48	11.82	16.14	10.61	4.48	1.12	0.25	44.99
	1979	0.02	0.00	0.00	0.00	0.00	0.00	4.89	17.37	6.22	1.63	0.34	0.05	30.51
	1980	0.00	0.00	0.00	0.00	0.00	0.21	17.19	20.25	7.02	1.87	0.40	0.06	47.01
	1981	0.00	0.00	0.00	0.00	0.00	0.00	84.88	63.85	23.07	6.20	1.40	0.31	179.70
	1982	0.04	0.00	0.00	0.00	0.00	0.00	0.04	1.68	0.72	0.15	0.26	1.11	3.98
	1983	0.37	0.04	0.00	0.08	0.20	0.00	27.03	41.70	44.43	17.84	3.81	0.00	135.50
	1984	0.00	0.00	0.00	0.00	0.00	0.00	4.18	6.45	2.57	0.28	0.00	0.00	13.48
	1985	0.00	0.00	0.00	0.00	0.00	0.00	1.28	17.29	8.21	1.25	0.00	0.00	28.02
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.57	9.69	4.03	0.03	0.00	0.00	14.31
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	1.44	4.44	0.95	0.07	0.00	0.00	6.90
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1990	0.00	0.00	0.00	0.00	0.00	0.00	4.44	3.08	0.70	0.42	0.00	0.00	8.64
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1.14	12.78	15.46	7.69	0.47	0.00	37.54
	1992	0.00	0.00	0.00	0.00	0.00	0.00	2.60	19.63	17.39	11.87	4.72	0.06	56.28
	1993	0.00	0.00	0.00	0.00	0.00	0.00	17.42	23.74	7.46	0.52	0.00	0.00	49.12
	1994	0.00	0.00	0.00	0.00	0.00	0.00	4.05	28.36	11.65	2.22	0.00	0.00	46.28
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.79	17.19	21.89	11.05	1.62	0.00	52.54
	1996	0.00	0.00	0.00	0.00	0.00	0.30	5.32	4.58	12.31	9.14	0.78	0.00	32.42
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.31	4.21	0.93	0.00	7.85
	1998	0.00	0.00	0.00	0.00	0.00	0.00	9.26	16.55	7.64	0.76	0.00	0.00	34.21
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.75	12.79	5.92	3.46	0.24	0.00	23.16
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2.99	10.19	3.81	0.28	0.00	0.00	17.26
	2001	0.00	0.00	0.00	0.00	0.00	0.00	0.53	2.85	0.44	0.00	0.00	0.00	3.82
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	2.83	11.56	8.29	9.36	1.48	0.00	33.53
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2005	0.00	0.00	0.00	0.00	0.00	0.00	21.17	29.06	9.22	4.48	0.21	0.00	64.14
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.67	0.00	0.00	1.59
	2008	0.00	0.00	0.00	0.00	0.00	0.00	2.16	3.08	9.84	19.84	6.59	0.49	42.00
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.47	0.00	0.00	0.97
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.32	5.23	12.68	14.12	3.41	0.20	35.97
	% flow	**0.09**	**0.01**	**0.00**	**0.01**	**0.01**	**0.07**	**19.73**	**38.46**	**24.34**	**13.55**	**3.23**	**0.49**	
Mean		**0.03**	**0.00**	**0.00**	**0.00**	**0.01**	**0.03**	**6.97**	**13.58**	**8.60**	**4.78**	**1.14**	**0.17**	**35.31**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Kharad	1973	0.02	0.00	0.00	0.00	0.00	0.01	0.40	0.49	0.79	0.27	0.00	0.00	1.98
	1974	0.00	0.00	0.00	0.00	0.00	0.02	2.18	4.21	1.55	1.57	1.20	0.25	10.97
	1975	0.02	0.00	0.00	0.00	0.00	0.02	3.01	6.62	4.31	1.48	0.02	0.00	15.47
	1976	0.00	0.80	0.38	0.00	0.09	0.16	0.55	0.79	0.88	0.09	0.08	0.05	3.86
	1977	0.01	0.00	0.00	0.00	0.03	0.20	3.28	4.75	2.19	0.74	0.01	0.00	11.21
	1978	0.00	0.08	0.06	0.01	0.00	0.18	2.98	4.20	2.18	0.33	0.00	0.00	10.02
	1979	0.02	0.66	0.84	0.13	0.60	2.03	1.62	0.69	0.01	0.00	0.01	0.00	6.60
	1980	0.00	0.00	0.00	0.00	0.00	0.06	1.59	1.77	0.37	0.00	0.00	0.04	3.83
	1981	0.00	0.00	0.00	0.00	0.00	0.04	3.39	4.92	1.74	0.16	0.00	0.00	10.26
	1982	0.24	0.09	0.01	0.02	0.32	0.09	0.17	0.73	0.24	0.16	0.38	0.10	2.53
	1983	0.08	0.03	0.00	0.76	1.34	1.16	0.80	3.71	2.16	0.79	0.04	0.00	10.86
	1984	0.00	0.00	0.00	0.00	0.00	0.02	0.20	0.74	1.12	0.23	0.00	0.00	2.31
	1985	0.00	0.00	0.00	0.23	0.01	0.02	1.30	3.28	1.40	2.29	0.87	0.04	9.43
	1986	0.00	0.27	0.23	0.00	0.07	0.18	0.37	1.26	0.56	0.23	0.19	0.00	3.37
	1987	0.03	0.05	0.04	0.00	0.72	0.28	0.01	0.37	0.52	0.03	0.00	0.07	2.13
	1988	0.02	0.00	0.02	0.00	0.00	0.02	0.48	1.22	0.64	0.21	0.01	0.00	2.60
	1989	0.11	0.02	0.00	0.00	0.00	0.03	0.24	0.93	0.98	0.08	0.00	0.00	2.39
	1990	0.00	0.14	0.12	0.00	0.00	0.05	1.02	0.45	0.16	0.02	0.07	0.04	2.05
	1991	0.01	0.01	0.00	0.00	0.02	0.00	0.43	1.08	1.73	0.46	0.00	0.21	3.96
	1992	0.41	0.15	0.00	0.00	0.00	0.00	0.67	3.07	2.25	0.57	0.00	0.00	7.12
	1993	0.00	0.03	0.12	0.01	0.00	0.14	1.47	0.95	0.20	0.05	0.00	0.00	2.98
	1994	0.08	0.01	0.00	0.01	0.00	0.06	0.35	0.59	0.16	0.00	0.00	0.00	1.26
	1995	0.28	0.13	0.01	0.00	0.00	0.00	0.69	6.09	3.79	1.02	0.00	0.00	12.02
	1996	0.02	0.02	0.02	0.00	0.08	0.29	1.01	2.39	4.73	3.90	0.99	0.01	13.46
	1997	0.00	0.00	0.00	0.62	0.12	0.03	0.31	0.78	1.54	5.68	3.20	0.78	13.06
	1998	0.02	0.00	0.00	0.00	0.00	0.00	1.08	1.37	1.47	1.07	0.05	0.00	5.07
	1999	0.01	0.00	0.00	0.00	0.00	0.05	0.44	2.18	0.79	0.01	0.00	0.00	3.49
	2000	0.00	0.00	0.00	0.00	0.02	0.04	1.30	1.78	0.77	0.01	0.00	0.00	3.91
	2001	0.00	0.00	0.00	0.00	0.19	0.20	0.12	0.70	0.35	0.00	0.00	0.00	1.56
	2002	0.00	0.01	0.00	0.01	0.08	0.25	0.07	0.51	0.44	0.01	0.00	0.04	1.42
	2003	0.60	0.80	1.13	0.12	0.01	0.37	2.60	2.97	2.16	0.66	0.01	0.00	11.44
	2004	0.00	0.00	0.00	0.00	1.28	0.40	0.60	3.10	2.31	8.86	4.58	0.96	22.09
	2005	0.00	0.00	0.01	0.01	0.01	0.41	3.64	2.24	1.50	2.71	0.94	0.02	11.47
	2006	0.00	0.00	0.00	0.00	0.00	0.05	1.44	1.30	0.31	0.00	0.00	0.00	3.10
	2007	0.00	0.29	0.44	0.07	0.03	0.00	0.92	1.76	1.28	0.27	0.01	0.00	5.06
	2008	0.00	0.00	0.00	0.00	0.00	0.93	4.20	3.71	1.96	0.51	0.01	0.00	11.31
	2009	0.00	0.00	0.00	0.00	0.00	0.09	0.24	1.05	1.36	0.30	0.00	0.00	3.04
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.55	2.78	4.34	2.25	0.82	1.56	12.30
	% flow	**0.76**	**1.38**	**1.31**	**0.77**	**1.93**	**3.03**	**17.51**	**31.24**	**21.15**	**14.17**	**5.16**	**1.60**	
Mean		**0.05**	**0.09**	**0.09**	**0.05**	**0.13**	**0.21**	**1.20**	**2.15**	**1.45**	**0.97**	**0.35**	**0.11**	**6.87**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Madho Sagar	1973	0.08	0.08	0.12	0.02	0.52	0.53	1.44	1.75	0.34	0.00	0.00	0.00	4.88
	1974	0.00	0.00	0.00	0.00	0.00	0.00	3.88	8.86	2.93	1.79	1.49	0.16	19.12
	1975	0.00	0.00	0.00	0.00	0.00	0.00	4.07	8.95	2.96	0.51	0.00	0.00	16.49
	1976	0.00	0.01	0.00	0.00	0.33	0.60	3.34	4.51	1.29	0.00	0.07	0.24	10.40
	1977	0.22	0.78	0.25	0.00	0.14	0.60	3.18	7.90	3.13	0.29	0.00	0.00	16.50
	1978	0.00	0.12	0.26	0.01	0.00	0.00	5.17	5.22	1.61	0.04	0.00	0.00	12.43
	1979	0.02	0.10	0.11	0.01	0.16	1.20	2.46	3.49	0.67	0.00	0.00	0.00	8.21
	1980	0.00	0.00	0.00	0.00	0.00	0.00	3.65	3.32	0.81	0.00	0.00	0.09	7.87
	1981	0.29	0.04	0.00	0.00	0.00	0.00	5.30	12.99	4.41	0.91	0.00	0.00	23.92
	1982	0.00	0.00	0.03	0.02	0.00	0.00	0.11	0.37	0.02	0.00	0.04	0.07	0.65
	1983	0.02	0.00	0.00	0.16	0.19	0.00	0.10	0.24	0.01	0.01	0.00	0.00	0.73
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.24	0.00	0.00	0.00	0.00	0.89
	1985	0.00	0.00	0.00	0.00	0.00	0.00	1.59	4.22	1.46	2.53	1.66	0.30	11.76
	1986	0.01	0.28	0.27	0.00	0.03	0.18	0.19	0.27	0.01	0.96	0.76	0.08	3.03
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.00	0.00	0.00	0.38	0.59
	1988	0.38	0.02	0.12	0.06	0.00	0.00	0.46	1.07	0.20	0.01	0.00	0.00	2.31
	1989	0.01	0.00	0.00	0.00	0.00	0.00	1.16	1.68	0.34	0.00	0.00	0.00	3.18
	1990	0.00	0.18	0.92	0.22	0.14	0.04	3.68	2.83	0.57	0.00	0.01	0.00	8.59
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.72	3.02	1.08	0.04	0.01	0.20	5.06
	1992	0.79	0.53	0.08	0.69	0.18	0.17	1.97	6.18	2.21	1.53	1.42	0.26	15.99
	1993	0.00	0.03	0.28	0.02	0.01	0.00	3.05	3.49	0.85	0.00	0.00	0.00	7.71
	1994	0.72	0.70	0.13	0.03	0.10	0.30	1.18	4.89	1.91	0.17	0.00	0.00	10.13
	1995	3.19	2.53	0.76	0.00	0.00	0.00	2.27	6.46	2.23	0.22	0.00	0.00	17.66
	1996	0.00	1.99	2.27	0.46	0.44	0.48	0.39	2.50	0.99	1.47	0.72	0.01	11.72
	1997	0.00	0.00	0.00	0.46	0.12	0.00	1.10	1.20	0.16	0.98	0.51	0.41	4.95
	1998	0.30	0.00	0.00	0.00	0.00	0.00	3.41	3.86	0.94	0.23	0.37	0.02	9.13
	1999	0.36	0.20	0.00	0.00	0.00	0.00	0.95	2.53	0.82	0.52	0.15	0.00	5.53
	2000	0.00	0.00	0.00	0.00	0.22	0.16	2.23	2.12	0.42	0.00	0.00	0.00	5.16
	2001	0.00	0.00	0.00	0.05	0.39	0.58	3.54	4.26	1.22	0.02	0.00	0.00	10.05
	2002	0.01	0.31	0.29	0.00	0.03	0.49	0.76	1.48	0.31	0.00	0.00	0.00	3.67
	2003	0.20	0.13	0.17	0.00	0.00	0.00	3.25	5.38	1.71	0.10	0.00	0.00	10.94
	2004	0.01	0.00	0.00	0.01	0.76	1.30	0.17	0.02	0.00	0.59	0.33	0.00	3.19
	2005	0.00	0.00	0.03	0.01	0.01	0.00	2.07	2.70	0.68	0.00	0.00	0.00	5.49
	2006	0.00	0.00	0.43	0.51	0.01	0.00	0.67	3.09	1.15	0.01	0.00	0.00	5.87
	2007	0.00	0.35	0.63	0.17	0.29	0.22	0.44	0.69	0.02	0.00	0.00	0.00	2.81
	2008	0.00	0.00	0.00	0.30	0.79	0.68	2.09	2.12	0.43	0.00	0.00	0.00	6.39
	2009	0.00	0.00	0.00	0.00	0.01	0.00	0.26	0.36	0.01	0.33	0.53	0.38	1.88
	2010	0.02	0.01	0.00	0.00	0.00	0.00	1.90	2.89	0.89	0.00	0.74	1.40	7.84
	% flow	**2.19**	**2.77**	**2.36**	**1.06**	**1.60**	**2.49**	**24.09**	**42.03**	**12.80**	**4.38**	**2.91**	**1.32**	
Mean		**0.17**	**0.22**	**0.19**	**0.08**	**0.13**	**0.20**	**1.92**	**3.35**	**1.02**	**0.35**	**0.23**	**0.11**	**7.97**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Ramgarh Bund	1973	0.05	0.00	0.00	0.00	0.07	0.11	3.46	8.01	9.09	3.99	0.95	0.21	25.92
	1974	0.00	0.00	0.00	0.00	0.00	0.00	8.73	21.43	8.35	7.11	5.01	1.13	51.76
	1975	0.16	0.00	0.10	0.00	0.00	0.00	15.01	46.23	33.28	13.04	0.66	0.00	108.48
	1976	0.00	1.14	0.45	0.06	0.11	0.54	3.75	9.72	7.91	0.78	0.11	0.04	24.61
	1977	0.33	0.60	0.06	0.04	0.08	0.66	23.03	49.39	22.17	5.32	0.01	0.00	101.69
	1978	0.10	0.06	0.03	0.00	0.00	0.32	13.29	32.89	23.12	5.08	0.00	0.00	74.90
	1979	0.06	1.69	2.27	0.10	1.02	4.88	6.50	6.10	0.33	0.00	0.00	0.00	22.94
	1980	0.00	0.00	0.00	0.00	0.00	0.10	8.44	11.29	2.53	0.00	0.00	0.10	22.46
	1981	0.08	0.00	0.00	0.00	0.00	0.03	22.42	39.00	12.25	0.44	0.06	0.00	74.28
	1982	0.34	0.13	0.01	0.08	2.14	0.81	1.15	4.97	1.76	0.14	0.68	0.10	12.30
	1983	0.16	0.24	0.02	1.73	3.66	4.03	4.11	29.49	23.41	7.69	0.25	0.00	74.79
	1984	0.00	0.00	0.00	0.00	0.00	0.02	1.56	4.27	18.13	7.84	0.23	0.00	32.04
	1985	0.00	0.00	0.00	0.14	0.00	0.10	8.41	33.24	17.13	11.27	3.83	0.22	74.33
	1986	0.01	0.33	0.26	0.00	0.35	4.14	1.96	3.46	1.66	0.80	0.30	0.00	13.27
	1987	0.09	0.04	0.01	0.00	4.43	2.18	0.03	1.48	4.38	0.96	0.00	0.20	13.79
	1988	0.02	0.00	0.00	0.00	0.00	0.09	2.73	6.49	3.39	0.66	0.00	0.00	13.38
	1989	0.15	0.00	0.00	0.00	0.00	0.00	1.80	8.21	11.44	2.34	0.00	0.00	23.95
	1990	0.00	0.85	3.58	0.63	0.17	0.12	6.88	5.19	2.30	0.52	0.32	0.36	20.91
	1991	0.04	0.00	0.00	0.00	0.00	0.00	0.99	4.70	10.92	3.05	0.16	0.36	20.21
	1992	0.74	0.81	0.02	0.00	0.79	1.33	3.21	16.27	15.93	4.51	0.03	0.00	43.65
	1993	0.00	0.06	0.21	0.04	0.01	0.45	13.48	15.90	6.07	0.55	0.00	0.00	36.77
	1994	1.69	0.97	0.08	0.00	0.00	0.18	3.30	9.56	7.27	1.07	0.00	0.00	24.12
	1995	1.68	0.77	0.03	0.00	0.00	0.00	2.33	45.53	45.20	15.15	0.61	0.00	111.30
	1996	0.02	0.02	0.00	0.01	0.26	2.37	8.77	19.65	39.87	25.27	3.78	0.01	100.03
	1997	0.00	0.00	0.00	0.74	0.12	0.08	1.57	5.37	12.73	32.14	19.64	7.92	80.30
	1998	1.68	0.01	0.00	0.00	0.22	0.00	6.32	9.73	9.29	6.53	0.35	0.00	34.14
	1999	0.31	0.08	0.00	0.00	0.00	0.28	2.10	11.45	6.30	1.05	0.00	0.00	21.57
	2000	0.01	0.00	0.00	0.00	0.21	0.06	5.29	7.74	4.09	0.12	0.00	0.00	17.52
	2001	0.00	0.00	0.00	1.36	3.22	3.54	1.91	3.26	0.96	0.37	0.15	0.00	14.78
	2002	0.05	0.01	0.00	0.00	0.06	0.29	0.06	1.23	1.27	0.01	0.00	0.09	3.06
	2003	1.67	1.81	2.24	0.07	0.00	0.94	15.06	25.92	15.32	3.41	0.00	0.02	66.46
	2004	0.00	0.00	0.00	0.00	1.93	0.44	1.34	12.39	14.18	36.05	17.40	2.55	86.28
	2005	0.00	0.00	0.00	0.01	0.00	1.28	20.17	16.69	8.25	15.54	4.47	0.01	66.42
	2006	0.00	0.00	0.09	0.00	0.22	0.46	6.34	6.80	1.38	0.00	0.00	0.00	15.28
	2007	0.00	0.61	1.82	0.51	0.00	0.05	2.81	8.41	6.07	1.26	0.00	0.00	21.51
	2008	0.00	0.00	0.00	0.06	1.51	5.49	20.08	19.03	14.52	7.03	0.91	0.00	68.61
	2009	0.00	0.00	0.00	0.00	0.27	1.16	1.10	4.17	6.72	1.82	0.00	0.00	15.24
	2010	0.00	0.00	0.00	0.00	0.00	0.00	3.87	15.35	26.75	13.93	2.99	4.72	67.61
	% flow	**0.55**	**0.60**	**0.66**	**0.33**	**1.22**	**2.15**	**14.90**	**34.10**	**26.79**	**13.93**	**3.70**	**1.06**	
Mean		**0.25**	**0.27**	**0.30**	**0.15**	**0.55**	**0.96**	**6.67**	**15.26**	**11.99**	**6.23**	**1.66**	**0.47**	**44.75**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Sainthal Sagar MCM_Final Out	1973	0.04	0.00	0.00	0.00	0.00	0.30	1.81	1.63	0.96	0.22	0.00	0.00	4.95
	1974	0.00	0.00	0.00	0.00	0.00	0.45	9.54	12.76	4.03	7.11	5.35	1.49	40.72
	1975	0.30	0.00	0.00	0.00	0.00	1.03	13.88	23.49	9.65	2.77	0.23	0.00	51.35
	1976	0.00	3.35	1.62	0.12	0.30	3.31	5.86	3.40	1.38	0.09	0.29	0.21	19.92
	1977	0.01	0.00	0.00	0.00	0.04	3.23	30.21	33.03	11.42	3.04	0.44	0.03	81.44
	1978	0.00	0.28	0.15	0.00	0.00	3.53	24.26	24.10	8.39	1.81	0.25	0.01	62.76
	1979	0.05	2.65	3.29	0.72	2.39	8.22	6.45	3.13	0.52	0.02	0.02	0.00	27.45
	1980	0.00	0.00	0.00	0.00	0.00	2.55	10.68	8.32	2.17	0.31	0.01	0.13	24.17
	1981	0.01	0.00	0.00	0.00	0.00	0.84	18.92	25.50	8.12	1.68	0.26	0.01	55.34
	1982	1.04	0.45	0.06	0.03	1.20	0.55	0.71	2.00	0.49	0.55	1.55	0.50	9.13
	1983	0.41	0.09	0.00	3.04	5.34	6.07	5.13	13.12	5.31	2.24	0.56	0.07	41.38
	1984	0.00	0.00	0.00	0.00	0.00	0.92	1.41	0.74	1.02	0.18	0.00	0.00	4.27
	1985	0.00	0.00	0.00	0.83	0.04	0.51	5.52	8.54	2.27	8.08	3.70	0.37	29.85
	1986	0.00	1.10	0.94	0.00	0.18	1.74	1.52	3.43	0.67	0.93	0.88	0.00	11.39
	1987	0.08	0.15	0.10	0.00	2.90	1.03	0.01	0.33	0.40	0.01	0.00	0.24	5.24
	1988	0.03	0.00	0.01	0.00	0.00	0.32	2.69	2.60	0.55	0.12	0.00	0.00	6.33
	1989	0.42	0.04	0.00	0.00	0.00	0.97	1.79	1.44	0.87	0.04	0.00	0.00	5.55
	1990	0.00	0.49	0.36	0.00	0.00	0.76	8.92	3.33	0.08	0.00	0.23	0.16	14.32
	1991	0.00	0.00	0.00	0.00	0.02	0.03	1.68	3.29	1.88	0.38	0.00	0.86	8.15
	1992	1.86	0.64	0.00	0.00	0.00	0.00	2.56	7.30	3.08	0.49	0.00	0.00	15.95
	1993	0.00	0.09	0.34	0.00	0.00	3.09	12.57	5.95	0.29	0.00	0.00	0.00	22.33
	1994	0.29	0.02	0.00	0.00	0.00	1.29	5.43	2.71	0.12	0.00	0.00	0.00	9.85
	1995	1.24	0.55	0.01	0.00	0.00	0.00	2.72	9.87	4.59	0.92	0.00	0.00	19.90
	1996	0.04	0.03	0.03	0.00	0.15	4.22	14.64	8.39	5.27	7.45	2.53	0.01	42.74
	1997	0.00	0.00	0.00	2.49	0.34	0.95	4.09	2.47	1.47	21.10	12.85	3.68	49.44
	1998	0.08	0.00	0.00	0.00	0.00	0.05	5.56	4.18	1.38	2.37	0.15	0.00	13.78
	1999	0.00	0.00	0.00	0.00	0.00	1.30	4.46	9.43	2.34	0.00	0.00	0.00	17.52
	2000	0.00	0.00	0.00	0.00	0.01	2.14	6.85	5.28	0.70	0.00	0.00	0.00	14.98
	2001	0.00	0.00	0.00	0.00	0.72	3.63	3.93	0.74	0.25	0.00	0.00	0.00	9.27
	2002	0.00	0.01	0.00	0.00	0.28	1.46	0.55	0.53	0.33	0.00	0.00	0.15	3.30
	2003	2.62	3.31	4.56	0.29	0.01	6.34	26.62	19.63	5.84	0.58	0.00	0.00	69.80
	2004	0.00	0.00	0.00	0.00	5.08	4.07	5.83	4.97	2.20	38.65	23.06	6.21	90.06
	2005	0.04	0.00	0.00	0.01	0.00	6.55	46.12	23.42	5.50	2.61	0.86	0.01	85.12
	2006	0.00	0.00	0.00	0.00	0.00	2.94	8.16	5.60	0.32	0.00	0.00	0.00	17.01
	2007	0.00	1.18	1.87	0.16	0.03	0.01	3.81	3.16	1.20	0.18	0.00	0.00	11.61
	2008	0.00	0.00	0.00	0.00	0.00	18.29	66.48	30.67	7.29	0.43	0.00	0.00	123.15
	2009	0.00	0.00	0.00	0.00	0.00	1.91	7.35	2.97	1.25	0.24	0.00	0.00	13.72
	2010	0.00	0.00	0.00	0.00	0.00	0.04	2.20	4.65	4.33	2.13	2.56	6.21	22.12
	% flow	**0.74**	**1.25**	**1.15**	**0.67**	**1.65**	**8.19**	**32.97**	**28.22**	**9.34**	**9.24**	**4.83**	**1.76**	
Mean		**0.23**	**0.38**	**0.35**	**0.20**	**0.50**	**2.49**	**10.02**	**8.58**	**2.84**	**2.81**	**1.47**	**0.54**	**30.40**

Virgin Water Yield Series of Major/Medium Projects in Gambhir Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Baretha	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.55	21.31	11.35	1.00	0.00	0.00	34.22
	1974	0.00	0.00	0.00	0.00	0.00	0.00	23.63	31.36	0.46	0.00	0.00	0.00	55.46
	1975	0.00	0.00	0.00	0.00	0.00	0.00	32.68	49.82	28.85	2.49	0.03	0.00	113.86
	1976	0.00	0.00	0.00	0.00	0.00	0.26	5.28	74.57	26.54	0.97	0.01	0.00	107.63
	1977	0.00	0.00	0.00	0.00	0.00	0.00	14.96	31.12	8.55	0.93	0.00	0.00	55.57
	1978	0.00	0.00	0.00	0.00	0.00	0.00	12.42	51.00	28.25	0.56	0.00	0.00	92.23
	1979	0.00	2.33	1.41	0.00	0.00	0.00	0.34	0.16	0.00	0.00	0.00	0.00	4.24
	1980	0.00	0.00	0.00	0.00	0.00	0.00	20.99	21.21	6.72	0.07	0.00	0.00	48.99
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1982	0.00	0.00	0.00	0.00	0.00	0.00	11.41	61.76	25.33	0.37	0.00	0.00	98.88
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.19	41.49	42.22	1.44	0.01	0.00	85.36
	1984	0.00	0.00	0.00	0.00	0.00	0.00	19.68	13.68	41.19	1.45	0.01	0.00	76.01
	1985	0.00	0.00	0.00	0.00	0.00	0.00	9.07	34.34	2.12	17.57	0.99	0.01	64.09
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.09	0.00	0.00	0.00	0.29
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	9.16	0.25	0.00	0.00	10.11
	1988	0.00	0.00	0.00	0.00	0.00	0.00	24.18	20.03	1.48	0.00	0.00	0.00	45.69
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.93	24.86	0.45	0.00	0.00	34.24
	1990	0.00	0.00	0.00	0.00	0.00	0.00	2.87	15.14	29.55	3.95	0.04	0.00	51.55
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.04	15.02	28.93	0.56	0.00	0.00	44.54
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.20	28.23	22.45	0.55	0.00	0.00	51.43
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.57	1.85	0.01	0.00	19.43
	1994	0.00	0.00	0.00	0.00	0.00	0.00	11.15	41.11	18.23	0.36	0.00	0.00	70.86
	1995	0.00	0.00	0.00	0.00	0.00	0.00	1.45	131.08	65.06	2.08	0.04	0.00	199.71
	1996	0.00	0.00	0.00	0.00	0.00	11.24	18.44	59.33	39.81	1.38	0.02	0.00	130.22
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.16	38.03	3.50	0.03	0.00	48.72
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.27	38.10	19.38	0.27	0.00	85.02
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90	0.76	0.00	0.00	0.00	10.66
	2000	0.00	0.00	0.00	0.00	0.00	0.00	5.12	2.13	0.06	0.00	0.00	0.00	7.31
	2001	0.00	0.00	0.00	0.00	0.00	1.10	30.61	7.47	0.18	0.00	0.00	0.00	39.37
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.05	16.22	2.24	0.01	0.00	22.53
	2003	0.00	0.00	0.00	0.00	0.00	0.00	12.69	26.62	24.92	2.55	0.02	0.00	66.80
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.41	7.33	0.07	0.00	0.00	16.81
	2005	0.00	0.00	0.00	0.00	0.00	0.00	45.51	19.13	2.17	0.01	0.00	0.00	66.82
	2006	0.00	0.00	0.00	0.00	0.00	0.00	9.94	23.55	2.06	0.02	0.00	0.00	35.57
	2007	0.00	0.00	0.00	0.00	0.00	0.00	2.91	9.62	7.05	0.38	0.00	0.00	19.97
	2008	0.00	0.00	0.00	0.00	0.00	15.59	39.45	23.80	8.89	2.91	0.03	0.00	90.66
	2009	0.00	0.00	0.00	0.00	0.00	0.00	10.33	22.95	15.08	1.27	0.01	0.00	49.64
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.64	26.34	5.11	0.05	0.00	40.13
	% flow	**0.00**	**0.11**	**0.07**	**0.00**	**0.00**	**1.35**	**17.48**	**45.51**	**31.79**	**3.62**	**0.08**	**0.00**	
Mean		**0.00**	**0.06**	**0.04**	**0.00**	**0.00**	**0.74**	**9.63**	**25.09**	**17.52**	**1.99**	**0.04**	**0.00**	**55.12**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Juggar Dam	1973	0.00	0.00	0.00	0.00	0.00	0.00	10.32	35.14	10.19	4.48	0.19	0.01	60.33
	1974	0.00	0.00	0.00	0.00	0.00	0.00	34.42	30.83	0.94	3.85	0.62	0.02	70.66
	1975	0.00	0.00	0.00	0.00	0.00	0.00	30.64	46.95	27.86	15.02	0.31	0.02	120.81
	1976	0.00	0.00	0.00	0.00	0.00	0.00	3.18	63.53	15.13	0.55	0.02	0.01	82.41
	1977	0.00	0.00	0.00	0.00	0.00	0.00	13.74	50.70	9.49	1.86	0.03	0.00	75.83
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.44	21.99	0.49	0.01	0.00	40.94
	1979	0.00	0.02	0.01	0.00	0.00	0.00	5.72	1.01	0.00	0.00	0.00	0.00	6.77
	1980	0.00	0.00	0.00	0.00	0.00	0.17	19.10	24.08	1.47	0.01	0.00	0.00	44.83
	1981	0.00	0.00	0.00	0.00	0.00	0.00	18.92	51.00	1.74	0.02	0.01	0.00	71.69
	1982	0.00	0.00	0.00	0.00	0.00	0.00	2.80	109.55	33.10	0.58	0.04	0.02	146.08
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.51	4.41	7.79	0.64	0.01	0.00	13.36
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.25	0.24	0.00	0.00	7.49
	1985	0.00	0.00	0.00	0.00	0.00	0.00	1.83	15.90	0.50	0.39	0.03	0.00	18.64
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	4.43	0.08	0.00	0.00	4.85
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.59	2.99	0.22	0.00	0.00	0.00	3.81
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.19	18.09	4.78	0.06	0.00	28.12
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	6.08	0.14	0.00	0.00	6.45
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.03	6.78	0.44	0.02	0.00	19.27
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.02	0.00	0.00	0.14
	1994	0.00	0.00	0.00	0.00	0.00	0.00	0.72	37.34	9.24	0.14	0.00	0.00	47.44
	1995	0.00	0.00	0.00	0.00	0.00	0.00	7.77	76.76	40.25	1.28	0.04	0.01	126.12
	1996	0.00	0.00	0.00	0.00	0.00	10.10	26.51	38.25	13.50	0.25	0.02	0.01	88.63
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.73	14.17	1.83	0.04	0.08	30.85
	1998	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.58	7.16	0.12	0.00	0.00	21.85
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2.82	8.70	2.98	0.03	0.00	0.00	14.52
	2001	0.00	0.00	0.00	0.00	0.00	0.00	14.68	6.54	0.70	0.00	0.00	0.00	21.91
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	1.40	26.18	4.12	0.06	0.00	0.00	31.75
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.13	6.99	0.10	0.00	0.00	25.22
	2005	0.00	0.00	0.00	0.00	0.00	0.00	38.97	15.30	1.02	0.01	0.00	0.00	55.30
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.89	5.64	0.09	0.00	0.00	0.00	6.61
	2007	0.00	0.00	0.00	0.00	0.00	0.20	7.43	2.36	0.07	0.00	0.00	0.00	10.06
	2008	0.00	0.00	0.00	0.00	0.00	9.90	20.73	12.91	14.02	4.56	0.07	0.00	62.19
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.47	7.34	0.34	0.00	0.00	17.15
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.37	24.83	4.20	0.07	0.00	45.47
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.43**	**18.47**	**54.33**	**22.39**	**3.26**	**0.11**	**0.01**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.54**	**6.94**	**20.41**	**8.41**	**1.22**	**0.04**	**0.00**	**37.57**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Panchana	1973	0.00	0.00	0.00	0.00	0.00	0.00	9.42	103.60	36.76	0.61	0.00	0.00	150.39
	1974	0.00	0.00	0.00	0.00	0.00	0.00	30.75	47.57	1.07	0.00	0.00	0.00	79.38
	1975	0.00	0.00	0.00	0.00	0.00	0.00	121.31	218.53	61.90	37.71	0.87	0.04	440.35
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.13	147.77	53.91	2.74	0.02	0.00	204.56
	1977	0.00	0.00	0.00	0.00	0.00	0.00	64.60	152.59	14.57	2.39	0.01	0.00	234.16
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.91	88.68	83.41	1.63	0.01	0.00	174.63
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1980	0.00	0.00	0.00	0.00	0.00	0.01	26.92	73.76	7.77	0.06	0.00	0.00	108.52
	1981	0.00	0.00	0.00	0.00	0.00	0.00	85.39	128.22	4.15	0.02	0.00	0.00	217.78
	1982	0.00	0.00	0.00	0.00	0.00	0.00	3.12	165.18	58.04	0.89	0.01	0.00	227.22
	1983	0.00	0.00	0.00	0.00	0.00	0.00	15.79	90.10	92.38	7.71	0.12	0.00	206.10
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	28.98	1.13	0.00	0.00	30.18
	1985	0.00	0.00	0.00	0.00	0.00	0.00	15.96	89.57	1.82	13.09	0.09	0.00	120.51
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.03
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.91	9.63	1.44	0.00	0.00	0.00	11.98
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.94	21.91	1.90	0.05	0.00	46.80
	1993	0.00	0.00	0.00	0.00	0.00	0.00	1.12	5.54	57.39	3.00	0.00	0.00	67.04
	1994	0.00	0.00	0.00	0.00	0.00	0.00	5.82	147.71	14.84	0.00	0.00	0.00	168.37
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.19	270.52	125.87	0.66	0.06	0.02	397.31
	1996	0.00	0.00	0.00	0.00	0.00	2.75	10.99	117.18	92.79	0.53	0.01	0.00	224.26
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.19	60.63	1.75	0.00	0.00	85.57
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.25	5.08	6.53	0.01	0.00	12.92
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.19	22.13	0.04	0.00	0.00	33.35
	2001	0.00	0.00	0.00	0.00	0.00	0.00	3.63	3.17	0.03	0.00	0.00	0.00	6.82
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.85	31.34	36.11	0.43	0.00	0.00	68.72
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.64	24.33	0.01	0.00	0.00	117.98
	2005	0.00	0.00	0.00	0.00	0.00	0.00	10.60	9.08	0.00	0.00	0.00	0.00	19.68
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.22
	2007	0.00	0.00	0.00	0.00	0.00	0.00	1.84	2.00	8.34	0.09	0.00	0.00	12.26
	2008	0.00	0.00	0.00	0.00	0.00	4.01	49.36	43.79	5.47	0.50	0.00	0.00	103.13
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.51	4.42	5.09	0.01	0.00	17.02
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.02	98.22	63.45	3.32	1.72	1.39	168.12
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.18**	**12.25**	**58.68**	**26.33**	**2.44**	**0.08**	**0.04**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.18**	**12.10**	**57.99**	**26.03**	**2.42**	**0.08**	**0.04**	**98.83**

Virgin Water Yield Series of Major/Medium Projects in Parbati Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Pravati Dam	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.19	79.87	22.03	0.06	0.00	0.00	102.15
	1974	0.00	0.00	0.00	0.00	0.00	0.00	54.08	84.72	1.28	10.14	0.22	0.00	150.42
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.17	113.45	6.78	0.01	0.00	158.40
	1976	0.00	0.00	0.00	0.00	0.00	6.24	88.60	203.37	12.22	0.03	0.00	0.00	310.46
	1977	0.00	0.00	0.00	0.00	0.00	0.00	35.25	113.27	97.46	2.55	0.02	0.00	248.54
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.10	26.39	0.01	0.00	0.00	77.50
	1979	0.00	0.00	0.00	0.00	0.00	0.00	23.06	1.75	0.00	0.00	0.00	0.00	24.81
	1980	0.00	0.00	0.00	0.00	0.00	0.12	72.83	2.09	0.01	0.00	0.00	0.00	75.04
	1981	0.00	0.00	0.00	0.00	0.00	0.00	34.90	55.18	0.22	0.00	0.00	0.00	90.29
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.69	33.36	0.06	0.00	0.00	175.11
	1983	0.00	0.00	0.00	0.00	0.00	0.00	45.96	29.65	38.21	6.91	0.03	0.00	120.76
	1984	0.00	0.00	0.00	0.00	0.00	0.00	11.38	33.24	88.34	0.15	0.00	0.00	133.11
	1985	0.00	0.00	0.00	0.00	0.00	0.00	11.77	41.44	0.01	7.60	0.03	0.00	60.85
	1986	0.00	0.00	0.00	0.00	0.00	0.00	17.30	19.38	0.05	0.08	0.00	0.00	36.80
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.09	0.05	0.00	0.00	8.14
	1988	0.00	0.00	0.00	0.00	0.00	0.00	11.05	57.85	1.62	7.96	0.00	0.00	78.49
	1989	0.00	0.00	0.00	0.00	0.00	0.00	25.87	15.72	15.53	0.00	0.00	0.00	57.11
	1990	0.00	0.00	0.00	0.00	0.00	0.00	78.32	59.89	110.19	3.20	0.02	0.00	251.60
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.22	28.90	0.01	0.00	0.00	79.13
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.72	45.59	64.47	7.27	0.28	244.33
	1993	0.00	0.00	0.00	0.00	0.00	0.00	21.38	1.67	66.25	0.29	0.00	0.00	89.59
	1994	0.00	0.00	0.00	0.00	0.00	0.00	1.12	37.55	4.39	0.00	0.00	0.00	43.06
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.32	112.93	0.28	0.00	0.00	208.54
	1996	0.00	0.00	0.00	0.00	0.00	0.00	4.32	111.69	57.72	0.19	0.00	0.00	173.92
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.77	155.72	62.93	18.22	1.21	20.00	258.86
	1998	0.06	0.00	0.00	0.00	0.00	0.00	129.45	107.75	75.66	17.96	0.06	0.00	330.94
	1999	0.00	0.00	0.00	0.00	0.00	0.00	5.17	54.37	28.25	0.06	0.00	0.00	87.86
	2000	0.00	0.00	0.00	0.00	0.00	0.00	21.25	90.77	9.92	0.00	0.00	0.00	121.94
	2001	0.00	0.00	0.00	0.00	0.00	0.00	90.93	8.32	0.00	0.00	0.00	0.00	99.26
	2002	0.00	0.30	0.02	0.00	0.00	0.00	0.00	53.27	50.73	0.31	0.00	0.00	104.62
	2003	0.00	0.00	0.00	0.00	0.00	0.00	28.42	89.81	108.63	0.64	0.01	0.00	227.50
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	19.57	0.17	0.00	0.00	57.16
	2005	0.00	0.00	0.00	0.00	0.00	0.00	57.13	1.99	2.79	0.37	0.00	0.00	62.27
	2006	0.00	0.00	0.00	0.00	0.00	0.00	66.69	26.26	0.20	0.00	0.00	0.00	93.15
	2007	0.00	5.32	6.90	0.00	0.00	0.23	0.07	9.85	48.32	0.08	0.00	0.00	70.77
	2008	0.00	0.00	0.00	0.00	0.00	94.66	141.07	74.94	8.04	0.02	0.00	0.00	318.73
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.72	34.99	70.74	0.20	0.00	132.64
	2010	0.00	0.00	0.00	0.00	0.00	0.00	9.31	112.31	34.76	1.28	9.06	5.13	171.84
	% flow	**0.00**	**0.11**	**0.13**	**0.00**	**0.00**	**1.97**	**21.18**	**44.80**	**26.66**	**4.30**	**0.35**	**0.49**	
Mean		**0.00**	**0.15**	**0.18**	**0.00**	**0.00**	**2.66**	**28.62**	**60.55**	**36.03**	**5.81**	**0.48**	**0.67**	**135.15**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Ramsagar	1973	0.00	0.00	0.00	0.00	0.00	0.00	3.01	60.72	30.20	2.92	0.08	0.01	96.94
	1974	0.00	0.00	0.00	0.00	0.00	0.00	29.78	25.97	1.50	7.85	0.95	2.49	68.54
	1975	0.50	0.00	0.00	0.00	0.00	1.14	36.13	54.21	26.26	0.31	0.02	0.00	118.57
	1976	0.00	0.00	0.00	0.00	0.00	12.09	24.23	52.93	33.00	1.80	0.02	0.01	124.08
	1977	0.00	0.00	0.00	0.00	0.00	0.00	29.38	52.34	48.34	3.84	0.03	0.01	133.94
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.44	0.00	0.00	0.00	4.38
	1979	0.00	3.88	1.36	0.00	0.00	0.00	21.47	14.25	0.12	0.00	0.00	0.00	41.06
	1980	0.00	0.00	0.00	0.00	0.00	0.00	25.89	42.19	14.44	0.09	0.01	0.00	82.61
	1981	0.00	0.00	0.00	0.00	0.00	0.00	42.96	21.51	2.05	2.20	0.01	0.00	68.73
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.69	11.32	0.06	0.00	0.00	43.07
	1983	0.00	0.00	0.00	0.00	0.00	0.00	5.99	19.46	2.66	0.13	0.00	0.00	28.24
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	15.60	0.26	0.00	0.00	16.19
	1985	0.00	0.00	0.00	0.00	0.00	0.00	1.35	8.56	0.94	7.28	0.24	0.00	18.37
	1986	0.00	0.00	0.00	0.00	0.00	0.00	5.01	11.54	1.54	1.36	0.00	0.00	19.44
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.21	14.93	0.25	0.00	0.00	19.39
	1988	0.00	0.00	0.00	0.00	0.00	0.00	26.50	22.10	8.22	9.14	0.16	0.00	66.12
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.83	9.53	0.03	0.00	0.00	26.39
	1990	0.00	0.00	0.00	0.00	0.00	0.00	1.09	17.23	59.77	9.42	0.08	0.01	87.60
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.70	24.47	18.33	0.12	0.00	0.00	43.63
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.44	36.88	11.82	2.93	0.77	61.84
	1993	0.00	0.00	0.00	0.00	0.00	0.00	1.36	13.04	40.57	3.18	0.01	0.00	58.17
	1994	0.00	0.00	0.00	0.00	0.00	0.00	6.62	22.29	4.79	0.00	0.00	0.00	33.69
	1995	0.00	0.00	0.00	0.00	0.00	0.00	16.05	82.50	35.69	0.91	0.03	0.01	135.18
	1996	0.00	0.00	0.00	0.00	0.00	1.36	24.81	56.41	38.72	0.98	0.03	0.01	122.32
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.71	14.99	0.55	0.01	8.12	55.37
	1998	0.37	0.00	0.00	0.00	0.00	0.36	14.26	39.29	10.17	7.28	0.25	0.00	71.98
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.64	9.86	0.87	0.01	0.00	56.38
	2000	0.00	0.00	0.00	0.00	0.00	0.00	7.00	22.41	7.70	0.02	0.00	0.00	37.14
	2001	0.00	0.00	0.00	0.00	0.00	1.28	42.48	24.17	6.38	0.80	0.01	0.00	75.12
	2002	0.00	1.81	0.10	0.00	0.00	0.00	0.00	14.70	16.50	0.93	0.00	0.00	34.04
	2003	0.00	0.00	0.00	0.00	0.00	0.00	15.68	23.60	14.54	0.64	0.00	0.00	54.46
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.81	14.09	2.13	0.01	0.00	52.04
	2005	0.00	0.00	0.00	0.00	0.00	0.00	34.26	9.22	0.67	0.05	0.00	0.00	44.20
	2006	0.00	0.00	0.00	0.00	0.00	0.00	14.43	12.45	0.47	0.00	0.00	0.00	27.35
	2007	0.00	3.11	3.21	0.03	0.00	0.00	0.00	3.89	14.42	0.32	0.00	0.00	24.98
	2008	0.00	0.00	0.00	0.00	0.00	31.18	45.43	23.19	3.58	0.50	0.01	0.00	103.88
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.68	4.01	14.30	0.36	0.00	30.35
	2010	0.00	0.00	0.00	0.00	0.00	0.00	4.82	16.74	23.07	3.43	4.05	2.39	54.49
	% flow	**0.04**	**0.39**	**0.21**	**0.00**	**0.00**	**2.12**	**21.46**	**43.86**	**26.62**	**4.27**	**0.42**	**0.62**	
Mean		**0.02**	**0.23**	**0.12**	**0.00**	**0.00**	**1.25**	**12.65**	**25.86**	**15.69**	**2.52**	**0.24**	**0.36**	**58.95**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Urmila Sagar	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.92	16.78	8.31	0.82	0.03	0.01	26.86
	1974	0.00	0.00	0.00	0.00	0.00	0.00	8.29	7.15	0.42	2.23	0.27	0.74	19.10
	1975	0.15	0.00	0.00	0.00	0.00	0.33	10.14	14.97	7.29	0.10	0.01	0.01	33.00
	1976	0.00	0.00	0.00	0.00	0.00	3.47	6.80	14.63	9.16	0.51	0.01	0.01	34.59
	1977	0.00	0.00	0.00	0.00	0.00	0.00	8.15	14.38	13.24	1.07	0.02	0.01	36.87
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.13	0.00	0.00	0.00	1.33
	1979	0.00	1.18	0.42	0.00	0.00	0.00	6.10	4.04	0.04	0.00	0.00	0.00	11.78
	1980	0.00	0.00	0.00	0.00	0.00	0.00	7.36	11.65	4.02	0.03	0.01	0.00	23.08
	1981	0.00	0.00	0.00	0.00	0.00	0.00	12.01	5.96	0.60	0.65	0.01	0.00	19.23
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.94	3.12	0.02	0.01	0.00	12.08
	1983	0.00	0.00	0.00	0.00	0.00	0.00	1.77	5.50	0.75	0.04	0.00	0.00	8.07
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	4.65	0.08	0.00	0.00	4.82
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.39	2.46	0.29	2.10	0.07	0.00	5.30
	1986	0.00	0.00	0.00	0.00	0.00	0.00	1.47	3.30	0.44	0.41	0.00	0.00	5.61
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	4.28	0.08	0.00	0.00	5.62
	1988	0.00	0.00	0.00	0.00	0.00	0.00	7.44	6.16	2.32	2.67	0.05	0.00	18.64
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	2.67	0.01	0.00	0.00	7.68
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.34	5.00	16.49	2.61	0.03	0.01	24.48
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.21	6.86	5.05	0.04	0.01	0.00	12.17
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	10.15	3.38	0.86	0.23	17.42
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.41	3.78	11.21	0.89	0.01	0.00	16.31
	1994	0.00	0.00	0.00	0.00	0.00	0.00	1.95	6.29	1.39	0.00	0.00	0.00	9.63
	1995	0.00	0.00	0.00	0.00	0.00	0.00	4.63	22.64	9.84	0.27	0.02	0.01	37.40
	1996	0.00	0.00	0.00	0.00	0.00	0.39	7.04	15.51	10.64	0.28	0.01	0.01	33.87
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.91	4.15	0.16	0.01	2.37	15.60
	1998	0.11	0.00	0.00	0.00	0.00	0.11	4.15	10.89	2.87	2.10	0.08	0.00	20.30
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.67	2.80	0.26	0.01	0.00	15.75
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2.02	6.22	2.15	0.01	0.00	0.00	10.40
	2001	0.00	0.00	0.00	0.00	0.00	0.36	11.81	6.76	1.87	0.24	0.01	0.00	21.05
	2002	0.00	0.55	0.03	0.00	0.00	0.00	0.00	4.24	4.61	0.27	0.00	0.00	9.70
	2003	0.00	0.00	0.00	0.00	0.00	0.00	4.50	6.54	4.08	0.19	0.01	0.00	15.30
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	3.90	0.60	0.01	0.00	14.51
	2005	0.00	0.00	0.00	0.00	0.00	0.00	9.58	2.64	0.20	0.02	0.00	0.00	12.44
	2006	0.00	0.00	0.00	0.00	0.00	0.00	4.18	3.46	0.15	0.00	0.00	0.00	7.79
	2007	0.00	0.93	0.95	0.01	0.00	0.00	0.00	1.19	4.10	0.09	0.00	0.00	7.26
	2008	0.00	0.00	0.00	0.00	0.00	8.66	12.47	6.37	1.03	0.15	0.01	0.00	28.70
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.44	1.17	4.06	0.11	0.00	8.78
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.45	4.80	6.43	0.96	1.20	0.70	15.52
	% flow	**0.04**	**0.42**	**0.22**	**0.00**	**0.00**	**2.12**	**21.59**	**43.70**	**26.43**	**4.36**	**0.45**	**0.66**	
Mean		**0.01**	**0.07**	**0.04**	**0.00**	**0.00**	**0.35**	**3.57**	**7.22**	**4.37**	**0.72**	**0.08**	**0.11**	**16.53**

Virgin Water Yield Series of Major/Medium Projects in Sabi Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Buchara	1973	0.01	0.00	0.00	0.00	0.00	0.00	0.46	7.10	5.92	0.00	0.00	0.00	13.48
	1974	0.00	0.00	0.00	0.00	0.00	0.01	2.01	0.12	0.00	0.00	0.00	0.00	2.14
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.74	31.04	28.20	0.11	0.00	0.00	60.10
	1976	0.00	0.01	0.00	0.00	0.00	0.28	0.13	15.92	3.05	0.00	0.00	0.00	19.38
	1977	0.03	0.00	0.00	0.00	0.01	0.16	36.45	53.30	22.85	0.06	0.00	0.00	112.86
	1978	0.00	0.01	0.00	0.00	0.00	0.08	40.18	6.25	0.06	0.00	0.00	0.00	46.58
	1979	0.00	0.01	0.00	0.00	0.00	0.08	0.19	4.45	0.00	0.00	0.00	0.00	4.73
	1980	0.00	0.00	0.00	0.00	0.00	0.08	0.36	0.61	0.00	0.00	0.00	0.01	1.05
	1981	0.00	0.00	0.00	0.00	0.00	0.01	3.04	0.58	0.00	0.00	0.01	0.00	3.63
	1982	0.02	0.02	0.01	0.04	0.01	0.01	0.24	1.63	0.02	0.02	0.01	0.01	2.04
	1983	0.01	0.02	0.00	0.02	0.21	0.07	8.74	1.37	1.20	0.02	0.00	0.00	11.64
	1984	0.00	0.00	0.00	0.00	0.00	0.01	0.34	0.55	7.68	0.01	0.00	0.00	8.59
	1985	0.00	0.00	0.00	0.00	0.00	0.01	2.70	14.10	0.03	0.19	0.00	0.03	17.06
	1986	0.01	0.01	0.00	0.00	0.03	0.02	0.36	0.37	0.00	0.00	0.00	0.00	0.80
	1987	0.01	0.02	0.00	0.00	0.05	0.00	0.02	0.23	0.11	0.00	0.00	0.00	0.46
	1988	0.00	0.00	0.00	0.00	0.00	0.11	2.81	2.10	1.01	0.12	0.00	0.00	6.15
	1989	0.02	0.00	0.00	0.00	0.00	0.00	0.57	12.11	2.31	0.01	0.00	0.00	15.02
	1990	0.00	0.09	0.04	0.00	0.00	0.05	0.72	1.06	0.04	0.00	0.00	0.00	2.00
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.19	1.23	0.57	0.01	0.00	0.01	2.01
	1992	0.01	0.02	0.00	0.00	0.01	0.00	0.86	5.91	13.90	0.03	0.02	0.00	20.75
	1993	0.00	0.02	0.01	0.00	0.00	0.07	18.81	14.97	8.10	0.00	0.00	0.00	42.00
	1994	0.00	0.00	0.00	0.00	0.00	0.12	1.44	16.59	1.29	0.00	0.00	0.00	19.44
	1995	0.01	0.00	0.01	0.00	0.00	0.01	0.59	47.89	11.87	0.01	0.00	0.00	60.38
	1996	0.00	0.05	0.00	0.00	0.00	23.03	8.07	36.99	29.96	0.02	0.00	0.00	98.12
	1997	0.00	0.00	0.00	0.00	0.00	0.02	0.55	19.24	1.18	4.93	0.02	0.01	25.96
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.12	0.43	0.06	0.00	0.00	1.16
	1999	0.00	0.00	0.00	0.00	0.00	0.02	0.17	2.28	0.09	0.00	0.00	0.00	2.56
	2000	0.00	0.00	0.00	0.01	0.04	0.00	1.34	0.62	0.19	0.00	0.00	0.00	2.19
	2001	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.02	0.00	0.05	0.00	0.00	0.16
	2002	0.00	0.01	0.00	0.00	0.01	0.02	0.00	0.31	0.01	0.00	0.00	0.00	0.36
	2003	0.02	0.05	0.00	0.00	0.00	0.06	1.97	0.70	1.44	0.03	0.00	0.01	4.27
	2004	0.00	0.00	0.00	0.00	0.00	0.03	0.03	2.24	0.14	0.20	0.00	0.00	2.64
	2005	0.00	0.00	0.00	0.00	0.06	0.42	5.80	2.83	1.12	0.09	0.00	0.00	10.34
	2006	0.00	0.00	0.04	0.00	0.04	0.06	6.18	1.07	0.14	0.01	0.00	0.00	7.54
	2007	0.00	0.08	0.07	0.00	0.00	0.00	0.09	1.32	1.17	0.01	0.00	0.00	2.75
	2008	0.00	0.00	0.00	0.00	0.11	6.38	5.69	13.95	1.58	0.01	0.00	0.00	27.72
	2009	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.30	0.25	0.00	0.00	0.00	0.66
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.71	16.37	7.57	0.04	0.00	0.00	24.69
	% flow	**0.02**	**0.06**	**0.03**	**0.01**	**0.09**	**4.57**	**22.42**	**49.44**	**22.46**	**0.89**	**0.01**	**0.01**	
Mean		**0.00**	**0.01**	**0.00**	**0.00**	**0.02**	**0.82**	**4.03**	**8.89**	**4.04**	**0.16**	**0.00**	**0.00**	**17.98**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Chhitoli	1973	0.02	0.01	0.01	0.00	0.05	0.12	1.24	2.49	5.34	0.04	0.00	0.02	9.33
	1974	0.00	0.00	0.00	0.00	0.00	0.03	1.41	0.98	0.01	0.20	0.00	0.01	2.63
	1975	0.01	0.00	0.05	0.00	0.00	0.03	2.35	12.20	11.21	0.53	0.01	0.00	26.39
	1976	0.00	0.05	0.00	0.04	0.05	0.43	1.00	9.53	0.91	0.01	0.02	0.00	12.05
	1977	0.11	0.03	0.00	0.10	0.09	0.50	33.72	15.99	9.67	0.07	0.00	0.00	60.29
	1978	0.04	0.00	0.01	0.00	0.00	0.15	11.03	13.38	8.07	0.01	0.00	0.00	32.70
	1979	0.05	0.18	0.02	0.00	0.07	0.61	1.15	0.77	0.01	0.00	0.00	0.00	2.84
	1980	0.00	0.00	0.04	0.00	0.00	0.19	2.18	1.61	0.06	0.02	0.00	0.04	4.13
	1981	0.03	0.00	0.00	0.00	0.00	0.02	6.53	4.59	0.06	0.01	0.05	0.00	11.28
	1982	0.04	0.06	0.07	0.10	0.29	0.05	0.95	1.65	0.09	0.09	0.10	0.00	3.49
	1983	0.07	0.09	0.01	0.14	0.41	0.22	9.10	11.26	8.68	0.11	0.00	0.00	30.09
	1984	0.00	0.00	0.00	0.00	0.00	0.14	0.93	1.19	14.04	0.02	0.00	0.00	16.32
	1985	0.00	0.00	0.00	0.00	0.00	0.28	4.79	13.46	0.13	0.47	0.00	0.12	19.26
	1986	0.02	0.03	0.00	0.00	0.05	0.23	0.23	0.19	0.08	0.14	0.00	0.00	0.97
	1987	0.05	0.05	0.02	0.00	0.45	0.18	0.08	0.80	0.68	0.01	0.00	0.07	2.38
	1988	0.01	0.03	0.02	0.02	0.01	0.33	2.94	1.87	0.41	0.08	0.00	0.01	5.72
	1989	0.06	0.00	0.00	0.00	0.00	0.02	0.85	1.94	0.55	0.04	0.00	0.00	3.45
	1990	0.00	0.25	0.16	0.00	0.07	0.21	1.59	1.46	0.78	0.09	0.07	0.02	4.68
	1991	0.01	0.00	0.00	0.00	0.00	0.01	0.21	1.03	1.32	0.04	0.08	0.06	2.75
	1992	0.05	0.11	0.00	0.00	0.20	0.08	1.70	2.60	2.18	0.07	0.04	0.00	7.04
	1993	0.00	0.04	0.06	0.03	0.07	0.38	11.27	6.22	2.62	0.02	0.00	0.00	20.70
	1994	0.21	0.00	0.00	0.01	0.04	0.24	2.89	10.72	2.36	0.01	0.00	0.00	16.48
	1995	0.18	0.02	0.02	0.00	0.00	0.03	1.04	32.62	10.56	0.03	0.00	0.00	44.50
	1996	0.02	0.11	0.01	0.02	0.11	5.51	10.47	25.99	17.85	0.07	0.01	0.00	60.14
	1997	0.00	0.00	0.01	0.01	0.06	0.39	1.32	8.17	14.95	6.92	0.23	0.38	32.45
	1998	0.00	0.02	0.03	0.01	0.08	0.06	1.46	3.89	10.71	0.22	0.06	0.00	16.54
	1999	0.07	0.03	0.00	0.00	0.03	0.27	0.92	2.64	4.41	0.04	0.00	0.00	8.41
	2000	0.02	0.00	0.00	0.07	0.21	0.07	1.93	0.89	0.65	0.02	0.00	0.00	3.86
	2001	0.00	0.00	0.00	0.23	0.34	0.40	0.65	0.60	0.01	0.15	0.00	0.00	2.37
	2002	0.03	0.01	0.00	0.00	0.03	0.17	0.02	0.31	0.02	0.04	0.00	0.02	0.65
	2003	0.12	0.20	0.01	0.00	0.01	0.29	4.01	1.99	1.42	0.05	0.00	0.06	8.14
	2004	0.01	0.00	0.00	0.01	0.03	0.17	0.14	4.02	0.38	0.48	0.03	0.01	5.26
	2005	0.00	0.02	0.00	0.01	0.11	0.79	12.09	1.59	5.99	0.34	0.00	0.00	20.94
	2006	0.00	0.00	0.13	0.00	0.17	0.28	2.71	0.91	0.13	0.01	0.00	0.00	4.34
	2007	0.00	0.18	0.27	0.01	0.02	0.12	0.61	2.02	2.63	0.02	0.00	0.00	5.88
	2008	0.00	0.00	0.00	0.09	0.47	6.59	5.77	6.62	16.14	0.13	0.00	0.00	35.81
	2009	0.00	0.00	0.00	0.00	0.09	0.17	0.42	0.81	1.22	0.04	0.01	0.00	2.76
	2010	0.01	0.00	0.00	0.00	0.00	0.09	1.21	3.60	5.03	0.05	0.13	0.03	10.14
	% flow	**0.22**	**0.27**	**0.17**	**0.16**	**0.64**	**3.56**	**25.65**	**38.15**	**28.96**	**1.92**	**0.15**	**0.15**	
Mean		**0.03**	**0.04**	**0.02**	**0.02**	**0.09**	**0.52**	**3.76**	**5.59**	**4.25**	**0.28**	**0.02**	**0.02**	**14.66**

Virgin Water Yield Series of Major/Medium Projects in Banas Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Arwar Dam MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.00	51.05	85.58	101.14	0.43	0.00	0.00	238.20
	1974	0.00	0.00	0.00	0.00	0.00	0.00	18.25	58.95	4.23	0.00	0.00	0.00	81.43
	1975	0.00	0.00	0.00	0.00	0.00	2.36	16.59	58.18	11.59	2.94	0.19	0.00	91.85
	1976	0.00	0.00	0.00	0.00	0.00	0.00	28.90	241.32	49.90	0.02	0.00	0.00	320.14
	1977	0.00	0.00	0.00	0.00	0.00	0.92	15.54	29.68	1.74	0.00	0.00	0.00	47.88
	1978	0.00	0.00	0.00	0.00	0.00	0.00	51.45	36.51	46.84	11.14	0.04	0.00	145.97
	1979	0.00	6.95	0.19	0.00	0.00	0.00	11.52	39.83	0.00	0.00	1.06	0.00	59.55
	1980	0.00	0.00	0.00	0.00	0.00	11.60	56.25	14.48	0.00	0.00	0.00	0.09	82.41
	1981	0.00	0.00	0.00	0.00	0.00	0.49	0.30	0.41	28.07	6.36	0.00	0.00	35.63
	1982	0.00	0.00	0.00	0.00	0.00	0.00	2.43	46.98	1.06	0.00	1.58	0.00	52.05
	1983	0.00	0.00	0.00	0.00	0.00	0.00	51.91	143.24	47.38	0.84	0.00	0.00	243.37
	1984	0.00	0.00	0.00	0.00	0.00	0.00	8.18	26.97	41.21	0.01	0.00	0.00	76.37
	1985	0.00	0.00	0.00	0.00	0.35	1.55	8.97	21.18	0.14	0.21	0.00	0.00	32.39
	1986	0.00	0.00	0.00	0.00	0.00	0.00	31.42	32.36	0.16	0.00	0.00	0.00	63.94
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.74	28.28	0.00	0.00	0.00	55.02
	1988	0.00	0.00	0.00	0.00	0.00	0.73	39.72	34.58	12.80	2.31	0.00	0.00	90.14
	1989	0.00	0.00	0.00	0.00	0.00	0.06	1.61	50.11	5.75	0.00	0.00	0.00	57.53
	1990	0.00	0.00	0.00	0.00	0.00	2.14	99.90	114.39	10.81	0.61	0.00	0.00	227.85
	1991	0.00	0.00	0.00	0.00	0.00	1.24	22.57	99.61	11.50	0.00	0.00	0.00	134.93
	1992	0.00	0.00	0.00	0.00	0.00	0.00	55.42	60.10	29.73	0.01	0.00	0.00	145.25
	1993	0.00	0.00	0.00	0.00	0.00	10.50	24.31	0.02	0.00	0.00	0.00	0.00	34.83
	1994	0.00	0.00	0.00	0.00	0.00	3.01	278.55	27.21	1.57	0.00	0.00	0.00	310.34
	1995	0.00	0.00	0.00	0.00	0.00	0.00	84.08	26.06	23.95	0.00	0.00	0.00	134.08
	1996	0.00	0.00	0.00	0.00	0.00	3.82	78.24	93.18	38.54	0.04	0.00	0.00	213.81
	1997	0.00	0.00	0.00	0.00	0.00	5.60	11.42	102.45	15.74	0.00	0.00	0.00	135.21
	1998	0.00	0.00	0.00	0.00	0.00	0.00	23.13	2.68	28.02	8.66	0.05	0.00	62.53
	1999	0.00	0.00	0.00	0.00	0.00	1.00	5.89	17.46	0.00	0.00	0.00	0.00	24.34
	2000	0.00	0.00	0.00	0.00	0.00	0.00	44.41	8.74	0.99	0.00	0.00	0.00	54.14
	2001	0.00	0.00	0.00	0.00	0.00	1.00	171.42	33.88	1.31	3.68	0.00	0.00	211.28
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.60	0.13	0.00	0.00	0.00	5.73
	2003	0.00	0.00	0.00	0.00	0.00	0.00	2.07	1.82	0.56	0.00	0.00	0.00	4.45
	2004	0.00	0.00	0.00	0.00	0.00	0.12	6.50	177.66	6.92	7.75	0.00	0.00	198.95
	2005	0.00	0.00	0.00	0.00	0.00	0.00	14.70	17.09	48.70	7.02	0.00	0.00	87.52
	2006	0.00	0.00	0.00	0.00	0.00	0.05	58.71	187.11	6.13	0.00	0.00	0.00	252.00
	2007	0.00	0.00	0.00	0.00	0.00	0.66	76.92	11.05	6.16	0.00	0.00	0.00	94.80
	2008	0.00	0.00	0.00	0.00	0.00	0.25	1.93	5.61	0.25	0.00	0.00	0.00	8.04
	2009	0.00	0.00	0.00	0.00	0.00	0.00	30.72	18.58	10.86	0.00	0.00	0.00	60.16
	2010	0.00	0.00	0.00	0.00	0.00	0.00	8.71	120.10	22.67	0.00	4.65	0.71	156.84
	% flow	**0.00**	**0.16**	**0.00**	**0.00**	**0.01**	**1.09**	**34.49**	**47.97**	**14.89**	**1.20**	**0.17**	**0.02**	
Mean		**0.00**	**0.18**	**0.01**	**0.00**	**0.01**	**1.24**	**39.31**	**54.67**	**16.97**	**1.37**	**0.20**	**0.02**	**113.97**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Badgaon MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.51	99.66	331.59	261.53	5.83	0.00	0.00	699.13
	1974	0.00	0.00	0.00	0.00	0.08	0.06	10.40	20.81	0.13	6.43	0.00	0.00	37.91
	1975	0.00	0.00	0.00	0.00	0.00	5.40	56.73	81.61	24.37	2.68	0.04	0.00	170.82
	1976	0.32	0.50	0.00	0.00	0.00	0.04	33.11	47.06	15.07	0.00	0.27	0.00	96.37
	1977	0.03	0.00	0.00	0.00	0.01	3.39	70.71	33.35	5.78	0.00	0.00	0.00	113.27
	1978	0.00	0.00	0.00	0.00	0.00	9.02	108.90	57.18	9.76	0.12	0.62	0.06	185.67
	1979	0.00	0.00	0.00	0.00	0.16	0.80	49.44	31.23	0.16	0.10	17.08	0.19	99.14
	1980	0.00	0.00	0.00	0.00	0.00	4.13	113.11	10.34	6.07	0.00	0.00	4.24	137.88
	1981	0.02	0.00	0.00	0.00	0.25	7.27	38.19	59.81	23.44	0.30	18.69	0.00	147.97
	1982	0.20	0.02	0.00	0.00	0.16	0.31	4.43	40.79	1.64	0.13	44.95	0.00	92.62
	1983	0.00	0.00	0.00	0.13	0.00	61.43	85.36	39.35	17.75	1.03	0.00	0.00	205.06
	1984	0.00	0.00	0.00	0.00	0.00	0.58	94.92	45.48	2.59	0.24	0.00	0.00	143.81
	1985	0.00	0.00	0.00	0.00	0.00	0.00	21.15	229.27	0.09	13.90	0.00	0.05	264.46
	1986	0.00	0.00	0.00	0.00	0.06	0.72	74.70	33.05	0.00	0.00	0.00	0.00	108.53
	1987	0.03	0.00	0.00	0.00	0.00	0.03	2.20	2.81	0.24	0.00	0.00	3.32	8.63
	1988	0.00	0.00	0.00	0.00	0.00	1.02	30.08	66.96	20.70	0.86	0.00	0.00	119.61
	1989	0.00	0.00	0.00	0.00	0.00	12.28	24.09	120.66	16.74	0.05	0.00	0.00	173.82
	1990	0.00	0.00	0.00	0.00	0.00	1.20	12.20	105.29	62.10	1.46	0.00	0.00	182.25
	1991	0.00	0.00	0.00	0.21	0.00	0.04	138.93	18.25	6.29	0.00	0.00	0.00	163.72
	1992	0.00	0.00	0.00	0.00	0.07	2.38	224.99	56.70	60.32	2.81	0.05	0.00	347.31
	1993	0.00	0.00	0.00	0.00	0.00	1.78	119.91	0.65	11.33	0.24	0.00	0.00	133.92
	1994	0.27	0.00	0.00	0.00	0.00	10.72	44.11	86.57	38.52	0.07	0.00	0.00	180.26
	1995	0.30	0.00	0.00	0.00	0.00	0.00	47.60	17.13	3.78	0.18	0.00	0.16	69.14
	1996	0.08	0.00	0.00	0.00	0.00	2.20	28.26	44.73	24.92	0.23	0.00	0.00	100.42
	1997	0.00	0.00	0.00	0.00	0.13	0.15	23.91	34.23	55.13	0.22	0.00	0.00	113.77
	1998	0.00	0.00	0.00	0.00	0.00	0.93	4.55	4.91	37.43	11.04	0.01	0.00	58.87
	1999	0.00	0.07	0.00	0.00	1.05	1.43	7.68	4.08	1.03	1.27	0.00	0.00	16.62
	2000	0.00	0.00	0.00	0.00	0.48	0.42	17.94	8.69	0.27	0.01	0.00	0.00	27.80
	2001	0.00	0.00	0.00	0.00	0.25	23.33	158.40	31.02	0.00	0.07	0.00	0.00	213.07
	2002	0.00	0.00	0.00	0.00	0.00	4.98	1.57	13.82	6.03	0.00	0.00	0.00	26.40
	2003	0.00	0.17	0.00	0.00	0.00	0.47	68.14	35.28	22.46	0.60	0.00	0.00	127.11
	2004	0.00	0.00	0.00	0.00	0.00	1.84	3.66	55.79	4.84	1.92	0.00	0.00	68.06
	2005	0.00	0.00	0.00	0.00	0.00	0.24	28.26	181.25	102.18	0.96	1.56	0.00	314.43
	2006	0.00	0.00	0.05	0.00	0.00	8.82	54.67	508.36	24.28	3.04	0.00	0.00	599.21
	2007	0.00	0.00	0.00	0.00	0.00	18.08	108.88	40.58	13.77	0.18	28.15	0.06	209.69
	2008	0.00	0.00	0.00	0.00	0.16	8.56	19.44	36.77	24.11	0.01	0.00	0.00	89.06
	2009	0.00	0.00	0.00	0.00	0.00	2.37	109.15	30.94	1.93	0.00	0.00	0.00	144.38
	2010	0.00	0.00	0.00	0.00	0.00	0.06	74.59	139.63	25.75	1.05	34.34	0.49	275.90
	% flow	**0.02**	**0.01**	**0.00**	**0.01**	**0.05**	**3.14**	**35.33**	**43.18**	**14.88**	**0.91**	**2.33**	**0.14**	
Mean		**0.03**	**0.02**	**0.00**	**0.01**	**0.08**	**5.18**	**58.26**	**71.21**	**24.54**	**1.50**	**3.84**	**0.23**	**164.90**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bagoliya	1973	0.00	0.00	0.00	0.00	0.00	0.00	10.23	33.17	18.94	0.09	0.04	0.02	62.48
	1974	0.01	0.00	0.00	0.00	0.00	0.00	0.44	1.30	0.01	0.01	0.00	0.00	1.77
	1975	0.00	0.00	0.00	0.00	0.00	0.00	1.91	0.08	0.18	0.01	0.00	0.00	2.17
	1976	0.00	0.00	0.00	0.00	0.00	0.00	4.50	10.30	1.14	0.02	0.01	0.00	15.97
	1977	0.00	0.00	0.00	0.00	0.00	0.00	0.56	2.89	2.02	0.01	0.00	0.00	5.48
	1978	0.00	0.00	0.00	0.00	0.00	0.00	10.17	9.53	0.58	0.01	0.00	0.00	20.29
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.03	5.79	0.01	0.00	2.00	0.01	7.84
	1980	0.00	0.00	0.00	0.00	0.00	1.19	13.22	0.73	0.29	0.02	0.01	0.00	15.45
	1981	0.00	0.00	0.00	0.00	0.00	0.00	9.32	19.55	29.79	0.20	0.33	0.02	59.21
	1982	0.00	0.00	0.00	0.00	0.00	0.00	1.08	2.49	0.02	0.01	4.07	0.01	7.67
	1983	0.00	0.00	0.00	0.00	0.00	10.92	9.47	6.58	1.77	0.05	0.02	0.01	28.82
	1984	0.00	0.00	0.00	0.00	0.00	0.00	12.68	5.67	0.04	0.02	0.01	0.00	18.42
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.89	0.04	0.04	0.01	0.00	20.98
	1986	0.00	0.00	0.00	0.00	0.00	0.00	1.92	1.00	0.01	0.00	0.00	0.00	2.94
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.10	0.08	0.00	0.00	0.00	0.92
	1988	0.00	0.00	0.00	0.00	0.00	0.00	3.08	6.71	0.10	0.03	0.01	0.00	9.93
	1989	0.00	0.00	0.00	0.00	0.00	0.00	2.72	26.57	17.82	0.05	0.02	0.01	47.20
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.15	10.93	7.03	0.04	0.02	0.01	18.16
	1991	0.00	0.00	0.00	0.00	0.00	0.00	13.38	3.70	0.53	0.02	0.01	0.00	17.62
	1992	0.00	0.00	0.00	0.00	0.00	0.13	23.60	21.29	1.10	0.02	0.01	0.00	46.14
	1993	0.00	0.00	0.00	0.00	0.00	0.00	5.35	0.02	0.01	0.01	0.00	0.00	5.39
	1994	0.00	0.00	0.00	0.00	0.00	0.10	1.59	5.25	4.73	0.04	0.02	0.01	11.74
	1995	0.00	0.00	0.00	0.00	0.00	0.00	5.04	0.62	0.02	0.01	0.00	0.00	5.68
	1996	0.00	0.00	0.00	0.00	0.00	0.00	4.75	1.04	0.28	0.02	0.01	0.00	6.10
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.97	2.03	0.02	0.01	0.00	4.04
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.25	1.01	0.02	0.01	0.00	1.29
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.29	0.02	0.00	0.00	0.00	0.51
	2001	0.00	0.00	0.00	0.00	0.00	3.90	36.83	1.18	0.02	0.01	0.00	0.00	41.94
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07	0.01	0.00	0.00	0.00	3.09
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	2.60	0.02	0.01	0.00	3.27
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.41	5.45	0.41	0.28	0.01	0.00	6.55
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.03	13.02	14.68	0.04	0.01	0.01	27.79
	2006	0.00	0.00	0.00	0.00	0.00	0.00	3.20	101.10	0.38	0.04	0.01	0.01	104.73
	2007	0.00	0.00	0.00	0.00	0.00	0.00	12.23	11.61	0.05	0.02	0.01	0.00	23.91
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.19	11.07	3.15	0.03	0.01	0.00	14.45
	2009	0.00	0.00	0.00	0.00	0.00	0.00	14.96	3.76	0.10	0.02	0.01	0.00	18.84
	2010	0.00	0.00	0.00	0.00	0.00	0.00	13.51	20.21	11.66	0.04	0.02	0.01	45.46
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.21**	**29.62**	**50.37**	**16.71**	**0.17**	**0.91**	**0.01**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.43**	**5.72**	**9.73**	**3.23**	**0.03**	**0.18**	**0.00**	**19.32**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bassi	1973	0.01	0.00	0.00	0.00	0.00	0.03	28.79	109.06	145.98	20.29	0.54	0.06	304.76
	1974	0.03	0.01	0.00	0.00	0.05	0.00	12.73	90.53	1.89	6.84	0.04	0.02	112.13
	1975	0.01	0.00	0.00	0.00	0.00	1.09	12.44	41.70	29.81	8.84	0.09	0.03	94.01
	1976	0.02	0.00	0.00	0.00	0.00	0.32	5.68	86.19	39.55	2.31	10.72	0.90	145.69
	1977	0.03	0.01	0.00	0.00	0.00	3.11	58.18	36.51	3.18	0.06	0.03	0.01	101.10
	1978	0.01	0.00	0.00	0.00	0.00	0.00	11.38	6.98	10.00	0.11	0.02	0.01	28.50
	1979	0.00	0.00	0.00	0.00	0.00	0.00	33.64	67.63	0.06	0.03	6.39	0.62	108.37
	1980	0.02	0.00	0.00	0.00	0.00	4.38	7.52	5.59	2.43	0.02	0.01	0.00	19.97
	1981	0.00	0.00	0.00	0.00	0.00	0.55	6.27	5.03	2.50	0.02	0.01	0.00	14.37
	1982	0.00	0.00	0.00	0.00	0.00	0.00	11.22	70.95	0.79	0.05	0.03	0.01	83.05
	1983	0.00	0.00	0.00	0.00	0.08	8.46	26.23	51.80	11.32	0.38	0.04	0.02	98.33
	1984	0.01	0.00	0.00	0.00	0.00	0.39	0.57	48.99	54.85	0.08	0.03	0.02	104.94
	1985	0.01	0.00	0.00	0.00	0.00	0.00	0.30	66.42	5.80	2.24	0.04	0.02	74.84
	1986	0.01	0.00	0.00	0.00	0.00	0.00	124.81	84.37	0.35	0.06	0.03	0.02	209.65
	1987	0.01	0.00	0.00	0.00	0.00	1.82	0.01	64.52	17.65	0.04	0.02	0.01	84.07
	1988	0.00	0.00	0.00	0.00	0.00	2.30	26.89	8.95	0.68	0.04	0.02	0.01	38.89
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.07	147.77	15.91	0.11	0.05	0.03	163.93
	1990	0.01	0.00	0.00	0.00	0.00	5.44	56.19	59.62	5.76	0.09	0.04	0.02	127.17
	1991	0.01	0.00	0.00	0.00	0.00	0.00	27.05	49.10	33.52	0.12	0.05	0.03	109.87
	1992	0.01	0.00	0.00	0.00	0.00	0.00	29.78	39.40	12.80	0.19	0.03	0.02	82.23
	1993	0.01	0.00	0.00	0.00	0.00	7.42	66.45	68.19	0.74	0.04	0.02	0.01	142.87
	1994	0.00	0.00	0.00	0.00	0.00	6.87	122.86	45.00	38.10	0.83	0.05	0.03	213.75
	1995	0.01	0.00	0.00	0.00	0.00	0.00	41.11	6.57	11.00	0.05	0.02	0.01	58.78
	1996	0.00	0.00	0.00	0.00	0.00	0.00	101.75	123.37	42.77	1.06	0.07	0.04	269.06
	1997	0.02	0.00	0.00	0.00	0.00	0.00	6.39	21.03	27.40	0.33	0.03	0.02	55.22
	1998	0.01	0.00	0.00	0.00	0.00	0.00	11.62	3.88	2.42	0.23	0.01	0.01	18.17
	1999	0.00	0.00	0.00	0.00	0.00	0.03	16.94	39.59	0.14	0.02	0.01	0.00	56.74
	2000	0.00	0.00	0.00	0.00	0.00	0.00	64.47	1.11	0.03	0.01	0.01	0.00	65.63
	2001	0.00	0.00	0.00	0.00	0.00	1.86	132.58	0.23	0.04	0.02	0.01	0.00	134.73
	2002	0.00	0.00	0.00	0.00	0.00	2.87	0.92	14.87	8.59	0.02	0.01	0.00	27.28
	2003	0.00	0.00	0.00	0.00	0.00	5.48	36.24	24.36	17.49	0.12	0.03	0.02	83.73
	2004	0.01	0.00	0.00	0.00	0.00	0.00	1.88	134.88	0.71	0.06	0.03	0.02	137.59
	2005	0.01	0.00	0.00	0.00	0.00	0.00	1.27	13.64	20.83	0.42	0.03	0.02	36.21
	2006	0.01	0.00	0.00	0.00	0.00	0.00	43.47	124.33	7.67	0.10	0.05	0.02	175.64
	2007	0.01	0.00	0.00	0.00	0.00	0.00	60.32	3.07	3.69	0.04	0.02	0.01	67.17
	2008	0.00	0.00	0.00	0.00	0.00	7.20	8.90	50.57	15.92	0.15	0.03	0.02	82.79
	2009	0.01	0.00	0.00	0.00	0.00	4.61	38.09	16.68	15.17	0.05	0.03	0.01	74.65
	2010	0.00	0.00	0.00	0.00	0.00	0.00	30.80	62.51	30.09	0.08	0.04	0.02	123.55
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**1.63**	**32.21**	**48.23**	**16.23**	**1.16**	**0.48**	**0.05**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**1.69**	**33.31**	**49.87**	**16.78**	**1.20**	**0.49**	**0.06**	**103.41**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bhopalnagar MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.20	23.35	54.02	70.43	0.61	0.00	0.00	148.60
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.26	0.12	1.23	0.00	0.00	23.60
	1975	0.00	0.00	0.00	0.00	0.00	3.81	8.82	7.08	3.59	2.83	0.00	0.00	26.13
	1976	0.07	0.08	0.00	0.00	0.00	0.00	9.89	25.53	4.60	0.00	0.00	0.00	40.17
	1977	0.00	0.00	0.00	0.00	0.00	0.00	4.63	14.48	1.65	0.00	0.00	0.00	20.77
	1978	0.00	0.00	0.00	0.00	0.00	0.00	18.19	19.20	1.95	0.01	0.10	0.00	39.45
	1979	0.00	0.00	0.00	0.00	0.00	0.00	3.65	7.11	0.00	0.00	5.98	0.03	16.77
	1980	0.00	0.00	0.00	0.00	0.00	3.82	18.44	7.68	0.26	0.00	0.00	0.00	30.19
	1981	0.00	0.00	0.00	0.00	0.00	0.00	1.41	3.41	7.43	0.35	0.00	0.00	12.61
	1982	0.00	0.00	0.00	0.00	0.00	0.00	4.84	13.81	0.00	0.00	5.44	0.00	24.09
	1983	0.00	0.00	0.00	0.00	0.00	0.84	10.30	12.92	13.58	0.97	0.00	0.00	38.61
	1984	0.00	0.00	0.00	0.00	0.00	0.05	19.22	21.50	0.03	0.00	0.00	0.00	40.79
	1985	0.00	0.00	0.00	0.29	0.00	0.00	0.09	23.88	0.00	0.87	0.00	0.00	25.13
	1986	0.00	0.00	0.00	0.00	0.00	0.00	23.71	11.02	0.00	0.00	0.00	0.00	34.73
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.20	0.00	0.00	0.00	2.78
	1988	0.00	0.00	0.00	0.00	0.00	0.00	5.49	8.03	17.18	0.54	0.00	0.00	31.24
	1989	0.00	0.00	0.00	0.00	0.00	0.00	12.32	65.51	13.30	0.00	0.00	0.00	91.14
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.88	21.09	15.07	0.57	0.00	0.00	37.61
	1991	0.00	0.00	0.00	0.08	0.00	0.00	52.90	14.81	0.77	0.00	0.00	0.00	68.57
	1992	0.00	0.00	0.00	0.00	0.00	0.00	46.34	14.48	8.83	0.00	0.00	0.00	69.65
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.09	0.00	0.00	0.00	0.00	0.55
	1994	0.00	0.00	0.00	0.00	0.00	7.14	9.25	5.03	12.29	0.00	0.00	0.00	33.72
	1995	0.28	0.00	0.00	0.00	0.00	0.00	19.91	6.38	0.27	0.01	0.00	0.00	26.84
	1996	0.00	0.00	0.00	0.00	0.00	0.01	18.89	16.54	24.47	0.00	0.00	0.00	59.91
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.66	9.02	6.29	0.00	0.00	0.00	15.97
	1998	0.00	0.00	0.00	0.00	0.00	0.00	2.31	2.83	2.49	0.00	0.00	0.00	7.63
	1999	0.00	0.00	0.00	0.00	0.00	0.81	1.30	5.28	1.08	1.22	0.00	0.00	9.68
	2000	0.00	0.00	0.00	0.00	0.00	0.00	7.70	8.61	0.02	0.00	0.00	0.00	16.34
	2001	0.00	0.00	0.00	0.00	0.00	1.64	23.21	9.56	0.05	0.00	0.00	0.00	34.45
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.17	0.00	0.00	0.00	4.77
	2003	0.00	0.00	0.00	0.00	0.00	0.04	4.43	2.22	1.46	0.01	0.00	0.00	8.16
	2004	0.00	0.00	0.00	0.00	0.00	0.05	7.21	34.98	0.02	6.21	0.00	0.00	48.47
	2005	0.00	0.00	0.00	0.00	0.00	0.00	15.18	32.81	19.25	0.16	0.00	0.00	67.40
	2006	0.00	0.00	0.00	0.00	0.00	0.00	3.41	75.05	0.22	0.00	0.00	0.00	78.68
	2007	0.00	0.00	0.00	0.00	0.00	0.00	28.28	11.05	6.28	0.00	0.00	0.00	45.62
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.61	0.41	0.00	0.00	0.00	1.75
	2009	0.00	0.00	0.00	0.00	0.00	0.00	4.37	3.31	0.44	0.00	0.00	0.00	8.11
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.52	15.06	6.64	0.00	0.29	0.00	23.50
	% flow	**0.03**	**0.01**	**0.00**	**0.03**	**0.00**	**1.40**	**31.45**	**46.60**	**18.40**	**1.19**	**0.90**	**0.00**	
Mean		**0.01**	**0.00**	**0.00**	**0.01**	**0.00**	**0.48**	**10.88**	**16.12**	**6.36**	**0.41**	**0.31**	**0.00**	**34.58**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bisalpura MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	18.26	1364.65	3744.40	3691.01	190.76	18.22	2.00	9029.28
	1974	0.00	0.00	0.00	0.00	1.34	14.34	586.84	1399.46	56.95	230.99	0.34	0.00	2290.25
	1975	0.00	0.00	0.00	0.00	0.00	48.11	899.14	1029.31	787.97	141.13	2.95	0.00	2908.60
	1976	1.58	4.22	0.00	0.00	0.00	0.16	566.48	2764.11	1154.22	12.40	318.30	36.51	4857.97
	1977	0.14	0.00	0.00	0.00	1.20	51.24	957.26	1214.92	245.00	1.05	0.00	0.00	2470.81
	1978	0.00	0.00	0.13	0.00	0.00	19.10	1114.75	802.45	477.45	50.65	5.60	3.42	2473.55
	1979	0.00	17.87	0.11	0.00	0.00	2.09	1437.23	936.64	0.39	1.11	190.54	12.11	2598.09
	1980	0.00	0.00	0.00	0.00	0.00	280.97	652.73	494.17	148.29	0.00	0.00	4.74	1580.90
	1981	0.00	0.00	2.51	0.01	2.09	47.15	280.43	287.93	291.60	22.35	51.04	0.00	985.10
	1982	0.00	0.00	8.16	0.56	0.15	13.53	253.54	1849.97	80.64	3.41	294.97	0.27	2505.19
	1983	0.00	0.00	0.00	0.94	0.83	151.68	1149.57	1965.41	881.28	106.44	0.02	0.00	4256.17
	1984	0.00	0.00	0.00	0.00	0.00	1.38	429.88	1416.87	499.74	1.59	0.00	0.00	2349.46
	1985	0.00	0.00	0.00	1.03	2.09	19.01	112.06	1532.58	62.18	133.14	0.05	0.37	1862.52
	1986	0.00	2.01	0.00	0.00	0.00	0.04	1777.65	1483.03	11.87	0.14	0.00	0.00	3274.74
	1987	0.00	0.00	0.00	0.00	0.00	15.38	5.83	775.67	455.67	0.01	0.00	21.96	1274.51
	1988	0.01	0.00	0.00	0.00	0.00	13.21	673.35	690.49	268.01	14.29	0.00	0.00	1659.36
	1989	0.00	0.00	0.00	0.00	0.00	32.50	258.97	2798.93	466.04	0.85	0.00	0.00	3557.30
	1990	0.00	0.00	0.00	0.00	0.00	32.74	926.73	2246.11	631.15	16.76	0.00	0.00	3853.48
	1991	0.00	0.00	0.00	17.96	0.00	0.17	1247.06	1513.03	491.96	1.03	0.04	0.00	3271.25
	1992	0.00	0.00	0.00	0.00	0.00	1.24	1557.22	2001.84	897.35	9.33	2.76	0.00	4469.73
	1993	0.00	0.06	0.02	0.00	0.00	55.29	1447.68	311.77	63.56	1.86	0.00	0.00	1880.22
	1994	10.18	0.06	0.00	0.00	0.00	132.27	2399.85	1067.61	590.72	5.53	0.31	0.00	4206.52
	1995	11.70	0.00	0.00	0.00	0.00	0.00	1315.90	544.52	240.28	3.96	0.00	0.00	2116.36
	1996	0.00	0.00	0.00	0.00	0.00	20.20	1670.79	2521.98	1004.40	6.73	0.05	0.00	5224.14
	1997	0.00	0.00	0.00	0.65	1.14	21.88	287.12	1457.59	693.88	18.68	2.87	0.01	2483.83
	1998	0.00	0.00	0.00	0.00	0.00	32.09	176.29	223.65	436.49	284.18	2.47	0.00	1155.17
	1999	0.00	0.00	0.00	0.00	0.63	32.87	597.82	907.98	35.64	21.83	0.00	0.00	1596.77
	2000	0.00	0.00	0.00	0.01	0.20	0.00	1421.96	350.34	20.94	0.00	0.00	0.00	1793.44
	2001	0.00	0.00	0.00	0.00	0.00	119.78	3013.20	650.58	3.07	13.41	0.00	0.00	3800.04
	2002	0.00	15.73	0.02	0.00	0.00	19.30	4.07	234.52	53.03	0.00	0.00	0.00	326.67
	2003	0.00	1.06	0.00	0.00	0.00	56.22	439.79	597.02	425.35	15.55	0.00	0.00	1534.98
	2004	0.00	0.00	0.00	0.00	0.00	2.40	167.51	3870.29	139.63	113.97	0.00	0.00	4293.79
	2005	0.00	0.00	0.00	0.00	0.00	12.67	261.65	952.17	1456.96	129.10	1.18	0.00	2813.73
	2006	0.00	0.00	0.48	0.00	0.00	58.27	787.45	4885.40	432.61	11.30	0.00	0.00	6175.51
	2007	0.00	0.57	0.17	0.00	0.00	34.42	1543.29	344.44	225.87	0.00	26.31	0.00	2175.08
	2008	0.00	0.00	0.00	0.00	17.87	107.52	230.18	715.13	322.70	8.71	0.00	0.00	1402.11
	2009	0.00	0.00	0.00	0.00	0.00	15.95	714.33	253.56	117.57	0.01	0.00	0.00	1101.43
	2010	0.00	0.00	0.00	0.00	0.00	0.00	425.06	1809.80	608.34	2.85	226.75	18.77	3091.57
	% flow	**0.02**	**0.04**	**0.01**	**0.02**	**0.03**	**1.36**	**30.50**	**48.43**	**16.99**	**1.45**	**1.05**	**0.09**	
Mean		**0.62**	**1.09**	**0.31**	**0.56**	**0.72**	**39.04**	**872.51**	**1385.41**	**486.05**	**41.45**	**30.13**	**2.64**	**2860.52**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Chandra Bhaga	1973	0.00	0.00	0.00	0.00	0.01	0.00	2.41	55.90	44.95	0.18	0.02	0.01	103.47
	1974	0.00	0.00	0.00	0.00	0.01	0.03	0.18	0.18	0.01	0.03	0.00	0.00	0.45
	1975	0.00	0.00	0.00	0.00	0.00	3.27	24.67	1.82	32.22	12.10	0.49	0.02	74.57
	1976	0.01	0.03	0.00	0.00	0.00	0.00	2.47	34.31	25.48	0.06	0.03	0.01	62.40
	1977	0.01	0.01	0.00	0.00	0.01	0.02	5.61	6.09	3.32	0.02	0.00	0.00	15.08
	1978	0.00	0.00	0.00	0.00	0.00	0.28	10.42	6.26	1.77	5.45	0.06	0.01	24.25
	1979	0.00	0.55	0.01	0.00	0.02	0.02	32.06	32.01	0.04	0.02	3.99	0.10	68.81
	1980	0.00	0.00	0.00	0.00	0.00	1.90	4.06	0.53	0.04	0.00	0.00	0.05	6.57
	1981	0.01	0.00	0.00	0.00	0.00	0.02	5.05	0.07	0.29	0.04	0.13	0.00	5.60
	1982	0.00	0.00	0.00	0.00	0.00	0.02	1.20	56.94	0.46	0.02	0.25	0.01	58.90
	1983	0.00	0.00	0.00	0.00	0.00	0.03	10.93	26.28	5.49	0.06	0.01	0.00	42.80
	1984	0.00	0.00	0.00	0.00	0.00	0.78	1.13	0.53	0.13	0.01	0.00	0.00	2.58
	1985	0.00	0.00	0.00	0.00	0.00	0.31	0.14	6.72	0.06	0.02	0.00	0.00	7.25
	1986	0.00	0.00	0.00	0.00	0.01	0.03	7.36	21.75	0.98	0.03	0.00	0.00	30.17
	1987	0.00	0.00	0.00	0.00	0.00	0.02	0.28	0.03	0.02	0.00	0.00	0.08	0.43
	1988	0.00	0.00	0.00	0.00	0.00	0.30	25.11	15.33	1.66	0.21	0.01	0.00	42.61
	1989	0.02	0.00	0.00	0.00	0.00	0.14	1.69	9.97	3.02	0.15	0.01	0.00	15.00
	1990	0.00	0.00	0.00	0.00	0.01	0.50	9.59	9.99	11.04	0.07	0.01	0.00	31.21
	1991	0.00	0.00	0.00	0.01	0.00	0.00	10.93	6.11	4.11	0.01	0.00	0.00	21.17
	1992	0.00	0.00	0.00	0.00	0.11	0.04	3.84	21.14	14.13	0.05	0.02	0.01	39.33
	1993	0.00	0.00	0.00	0.16	0.00	0.02	16.26	2.10	0.92	0.03	0.00	0.00	19.50
	1994	0.07	0.00	0.00	0.00	0.00	0.02	18.54	33.75	6.87	0.04	0.01	0.00	59.29
	1995	0.01	0.00	0.00	0.00	0.00	0.02	40.58	22.76	8.25	0.36	0.01	0.00	71.99
	1996	0.00	0.00	0.00	0.00	0.00	0.01	4.16	12.24	1.25	0.02	0.00	0.00	17.68
	1997	0.00	0.00	0.00	0.02	0.15	3.82	0.94	8.46	1.25	0.04	0.01	0.00	14.68
	1998	0.00	0.00	0.00	0.00	0.00	1.01	24.21	2.51	11.69	16.83	0.08	0.01	56.33
	1999	0.00	0.00	0.00	0.00	0.02	0.15	6.96	11.19	0.01	0.00	0.00	0.00	18.34
	2000	0.00	0.00	0.00	0.00	0.03	0.00	0.67	2.83	0.66	0.01	0.00	0.00	4.20
	2001	0.00	0.00	0.00	0.01	0.00	4.62	15.71	28.34	0.13	4.91	0.01	0.00	53.72
	2002	0.00	0.00	0.00	0.00	0.00	0.20	0.18	0.14	0.80	0.00	0.00	0.00	1.32
	2003	0.00	0.01	0.00	0.00	0.00	0.27	2.51	5.17	1.06	0.02	0.00	0.00	9.04
	2004	0.00	0.00	0.00	0.00	0.00	0.12	0.30	4.51	2.04	4.76	0.01	0.00	11.74
	2005	0.00	0.00	0.00	0.01	0.01	0.03	3.85	16.33	18.99	1.43	0.01	0.00	40.65
	2006	0.00	0.00	0.00	0.00	0.00	1.99	4.41	91.01	2.85	0.03	0.01	0.00	100.30
	2007	0.00	0.05	0.02	0.00	0.00	0.37	46.60	7.67	13.48	0.02	0.00	0.00	68.22
	2008	0.00	0.00	0.00	0.07	0.03	0.21	0.15	15.94	6.53	0.03	0.00	0.00	22.95
	2009	0.00	0.00	0.01	0.00	0.00	0.01	1.64	1.71	0.27	0.03	0.00	0.00	3.68
	2010	0.01	0.00	0.00	0.00	0.00	0.00	2.33	25.13	7.32	0.02	5.85	0.49	41.14
	% flow	**0.01**	**0.05**	**0.00**	**0.02**	**0.03**	**1.62**	**27.55**	**47.64**	**18.43**	**3.72**	**0.87**	**0.06**	
Mean		**0.00**	**0.02**	**0.00**	**0.01**	**0.01**	**0.54**	**9.19**	**15.89**	**6.15**	**1.24**	**0.29**	**0.02**	**33.35**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Chandsen	1973	0.00	0.00	0.00	0.00	0.00	0.00	4.60	47.57	26.26	10.89	2.63	0.21	92.15
	1974	0.00	0.00	0.00	0.00	0.00	0.00	18.11	13.63	10.01	4.46	0.95	0.10	47.26
	1975	0.00	0.00	0.00	0.00	0.00	0.01	6.48	16.18	24.49	14.90	2.98	0.60	65.65
	1976	0.00	0.00	0.00	0.00	0.00	0.86	0.75	16.66	10.57	4.33	0.63	0.01	33.81
	1977	0.21	0.04	0.00	0.00	0.00	7.23	40.69	21.19	8.83	1.94	0.13	0.00	80.25
	1978	0.00	0.00	0.00	0.00	0.00	0.00	10.55	0.43	1.47	0.07	0.00	0.00	12.53
	1979	0.00	0.02	0.00	0.00	0.00	0.00	24.97	13.24	2.13	0.41	0.00	0.00	40.77
	1980	0.00	0.00	0.00	0.00	0.00	0.02	1.06	11.11	0.01	0.00	0.00	0.00	12.19
	1981	0.00	0.00	0.00	0.00	0.00	0.00	38.92	6.71	7.68	3.36	0.42	0.01	57.09
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.01	9.48	2.56	2.07	0.23	0.00	14.35
	1983	0.00	0.00	0.00	0.17	0.00	0.00	15.35	7.56	13.74	4.64	0.71	0.03	42.19
	1984	0.00	0.00	0.00	0.00	0.00	0.29	1.69	0.78	3.24	0.00	0.00	0.00	6.00
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.44	0.09	0.08	0.00	0.00	29.61
	1986	0.00	0.00	0.00	0.00	0.00	0.00	9.57	17.70	0.32	0.00	0.00	0.00	27.60
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	2.31	0.00	0.00	0.05	3.99
	1988	0.00	0.00	0.00	0.00	0.00	0.07	2.32	2.15	3.69	0.49	0.00	0.00	8.73
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.70	1.62	0.00	0.00	0.00	5.32
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.46	1.82	3.59	0.22	0.00	0.00	6.09
	1991	0.00	0.00	0.00	0.00	0.00	0.00	6.74	9.13	24.81	0.02	0.00	0.00	40.71
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.45	57.80	1.14	0.00	0.00	0.00	59.40
	1993	0.00	0.00	0.00	0.00	0.00	0.02	0.01	1.94	0.01	0.00	0.00	0.00	1.97
	1994	0.01	0.00	0.00	0.00	0.00	0.00	5.61	1.82	8.04	0.01	0.00	0.00	15.50
	1995	0.00	0.00	0.00	0.00	0.00	0.00	18.84	13.00	4.38	1.03	0.39	0.07	37.72
	1996	0.00	0.00	0.00	0.00	0.00	1.49	12.77	34.44	22.16	6.94	1.18	0.17	79.14
	1997	0.00	0.00	0.00	0.00	0.00	0.00	7.43	18.94	6.56	3.61	0.47	0.02	37.02
	1998	0.00	0.00	0.00	0.00	0.00	0.01	10.59	0.20	13.51	0.55	0.00	0.00	24.85
	1999	0.00	0.00	0.00	0.00	0.00	0.32	6.76	7.70	0.00	0.00	0.00	0.00	14.77
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.12	3.22	0.02	0.00	0.00	0.00	3.37
	2001	0.00	0.00	0.00	0.00	0.00	0.00	4.65	0.90	0.01	0.00	0.00	0.00	5.56
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	8.02	1.68	0.79	0.09	0.00	0.00	10.57
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.33	1.35	0.00	0.00	0.00	13.68
	2005	0.00	0.00	0.00	0.00	0.00	0.62	1.24	2.11	4.81	1.18	0.00	0.00	9.96
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.00	0.00	0.00	0.00	0.22
	2007	0.00	0.00	0.00	0.00	0.00	2.60	5.74	0.02	1.08	0.00	0.00	0.00	9.44
	2008	0.00	0.00	0.00	0.00	0.00	0.18	15.04	1.33	0.67	0.02	0.00	0.00	17.25
	2009	0.00	0.00	0.00	0.00	0.00	0.00	7.15	1.14	0.00	0.00	0.00	0.00	8.29
	2010	0.00	0.00	0.00	0.00	0.00	0.00	3.78	31.61	3.87	0.01	0.12	0.02	39.40
	% flow	**0.02**	**0.01**	**0.00**	**0.02**	**0.00**	**1.35**	**28.65**	**41.44**	**21.27**	**6.05**	**1.07**	**0.13**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.36**	**7.65**	**11.06**	**5.68**	**1.61**	**0.29**	**0.03**	**26.69**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Chhaparwada	1973	0.00	0.00	0.00	0.00	0.00	0.00	9.25	74.92	28.77	2.94	0.00	0.00	115.88
	1974	0.00	0.00	0.00	0.00	0.00	0.00	194.72	59.94	15.31	13.84	5.06	0.38	289.26
	1975	0.00	0.00	0.00	0.00	0.00	0.00	60.83	96.77	113.97	39.43	7.66	1.08	319.74
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.06	17.51	9.15	0.26	0.00	0.00	26.97
	1977	0.00	0.00	0.00	0.00	0.00	0.00	48.16	26.47	50.13	22.06	3.13	0.21	150.16
	1978	0.00	0.00	0.00	0.00	0.00	0.00	1.45	1.01	1.59	0.00	0.00	0.00	4.05
	1979	0.00	0.00	0.00	0.00	0.00	0.00	13.22	3.43	0.00	0.00	0.00	0.00	16.65
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.49	24.72	0.15	0.00	0.00	0.00	25.37
	1981	0.00	0.00	0.00	0.00	0.00	0.00	86.11	12.70	0.15	0.00	0.00	0.00	98.97
	1982	0.00	0.00	0.00	0.00	0.00	0.00	1.93	17.76	3.25	0.43	0.00	0.00	23.37
	1983	0.00	0.00	0.00	2.82	0.01	0.00	63.53	47.33	6.21	0.01	0.00	0.00	119.91
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.00	1.63
	1985	0.00	0.00	0.00	0.00	0.00	0.00	1.68	12.46	0.56	0.40	0.00	0.00	15.10
	1986	0.00	0.00	0.00	0.00	0.00	0.07	6.24	4.69	0.01	0.00	0.00	0.00	11.02
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.72
	1989	0.00	0.00	0.00	0.00	0.00	1.29	5.00	8.23	0.12	0.00	0.00	0.00	14.63
	1990	0.00	0.00	0.00	0.00	0.00	0.03	0.22	0.23	3.66	3.76	0.00	0.00	7.90
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57	13.07	0.07	0.00	0.00	17.71
	1992	0.00	0.00	0.00	0.00	0.00	0.00	24.24	34.71	25.55	0.65	0.00	0.00	85.15
	1993	0.00	0.00	0.00	0.02	0.00	1.21	30.72	5.27	0.00	0.00	0.00	0.00	37.22
	1994	0.47	0.00	0.00	0.00	0.00	0.00	17.49	21.53	4.10	0.00	0.00	0.00	43.59
	1995	0.00	0.00	0.00	0.00	0.00	0.00	2.78	81.37	17.92	0.17	0.00	0.00	102.25
	1996	0.00	0.00	0.00	0.00	0.00	36.47	18.54	28.39	6.72	0.03	0.00	0.00	90.16
	1997	0.00	0.00	0.00	0.17	0.00	0.00	5.94	25.00	9.57	0.49	0.00	0.00	41.18
	1998	0.00	0.00	0.00	0.00	0.00	0.00	30.94	2.47	0.92	0.10	0.00	0.00	34.42
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.54	3.06	0.00	0.00	0.00	0.00	3.59
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.06	0.00	0.00	0.00	0.00	0.51
	2001	0.00	0.00	0.00	0.00	0.77	0.01	21.64	1.70	0.00	0.00	0.00	0.00	24.12
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	12.85	0.74	0.05	0.00	0.00	0.00	13.63
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.68	3.01	0.00	0.00	0.00	35.69
	2005	0.00	0.00	0.00	0.00	0.00	0.00	11.98	1.19	0.00	0.00	0.00	0.00	13.17
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.04
	2007	0.00	0.00	0.00	0.00	0.00	0.18	0.80	0.52	2.98	0.00	0.00	0.00	4.48
	2008	0.00	0.00	0.00	0.00	0.00	0.15	25.18	19.37	0.62	0.00	0.00	0.00	45.31
	2009	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.10	0.00	0.00	0.00	0.00	5.60
	2010	0.00	0.00	0.00	0.00	0.00	0.00	15.89	44.01	37.56	1.36	0.33	0.00	99.15
	% flow	**0.02**	**0.00**	**0.00**	**0.16**	**0.04**	**2.03**	**37.10**	**36.89**	**18.40**	**4.44**	**0.84**	**0.09**	
Mean		**0.01**	**0.00**	**0.00**	**0.08**	**0.02**	**1.04**	**18.92**	**18.81**	**9.39**	**2.26**	**0.43**	**0.04**	**51.01**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Dheel	1973	0.00	0.00	0.00	0.00	0.00	0.00	7.07	219.68	10.21	0.06	0.00	0.00	237.02
	1974	0.00	0.00	0.00	0.00	0.00	0.00	187.62	35.60	0.26	5.14	0.02	0.00	228.63
	1975	0.00	0.00	0.00	0.00	0.00	0.00	106.39	78.61	39.48	8.07	1.91	0.03	234.48
	1976	0.00	0.00	0.00	0.00	0.00	0.10	21.87	87.74	82.74	6.30	0.60	0.00	199.36
	1977	0.00	0.00	0.00	0.00	0.00	0.00	73.79	36.75	46.11	7.81	0.40	0.00	164.86
	1978	0.00	0.00	0.15	0.00	0.00	0.83	64.47	8.90	4.66	0.15	0.00	0.00	79.17
	1979	0.00	0.78	0.01	0.00	0.00	0.00	92.00	4.63	0.00	0.00	0.02	0.01	97.45
	1980	0.00	0.00	0.00	0.00	0.00	0.00	6.55	4.75	10.21	0.00	0.00	0.00	21.51
	1981	0.00	0.00	0.00	0.00	0.00	0.00	298.11	22.40	6.01	1.54	0.00	0.00	328.05
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.23	14.73	0.25	0.00	0.00	129.21
	1983	0.00	0.00	0.00	6.48	0.07	0.00	85.98	68.78	40.85	0.03	0.00	0.00	202.19
	1984	0.00	0.00	0.00	0.00	0.00	0.00	1.04	10.91	2.32	0.00	0.00	0.00	14.27
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.25	22.09	0.11	3.98	0.00	0.01	26.45
	1986	0.00	0.00	0.00	0.00	0.00	0.01	30.75	34.18	0.20	0.00	0.00	0.00	65.13
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.46	4.96	3.36	0.00	0.00	0.00	8.78
	1988	0.00	0.00	0.00	0.00	0.00	0.10	1.29	4.88	5.69	1.01	0.00	0.00	12.96
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.59	5.15	0.00	0.00	0.00	19.74
	1990	0.00	0.00	0.00	0.00	0.00	0.00	26.62	3.73	14.81	0.80	0.00	0.00	45.96
	1991	0.00	0.00	0.00	0.00	0.00	0.00	17.10	18.08	14.69	0.00	0.00	0.00	49.87
	1992	0.00	0.00	0.00	0.00	0.00	0.00	16.10	30.53	12.34	0.19	0.00	0.00	59.17
	1993	0.00	0.00	0.00	0.00	0.00	0.00	3.34	49.42	0.15	0.00	0.00	0.00	52.91
	1994	0.00	0.00	0.00	0.00	0.00	0.00	42.16	76.33	9.80	0.00	0.00	0.00	128.29
	1995	0.33	0.00	0.00	0.00	0.00	0.00	5.86	64.34	11.34	0.00	0.00	0.00	81.86
	1996	0.00	0.00	0.00	0.00	0.00	0.00	14.49	154.22	50.34	0.12	0.00	0.00	219.17
	1997	0.00	0.00	0.00	0.00	0.00	0.04	2.58	51.61	16.57	0.23	0.03	0.00	71.06
	1998	0.00	0.00	0.00	0.00	0.00	0.00	109.17	2.01	26.39	3.64	0.00	0.00	141.21
	1999	0.00	0.00	0.00	0.00	0.00	2.17	14.75	43.26	0.00	0.00	0.00	0.00	60.17
	2000	0.00	0.00	0.00	0.00	0.00	0.00	23.77	4.77	2.09	0.00	0.00	0.00	30.63
	2001	0.00	0.00	0.00	0.00	0.00	0.00	15.45	2.67	0.00	0.00	0.00	0.00	18.13
	2002	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.07
	2003	0.00	0.00	0.00	0.00	0.00	14.20	36.37	35.76	14.13	0.00	0.00	0.00	100.45
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.10	2.36	0.82	0.00	0.00	40.28
	2005	0.00	0.00	0.00	0.00	0.00	0.40	11.22	1.21	24.51	0.46	0.00	0.00	37.79
	2006	0.00	0.00	0.00	0.00	0.00	0.00	1.42	2.07	0.22	0.00	0.00	0.00	3.71
	2007	0.00	0.72	0.00	0.00	0.00	0.00	2.31	3.17	0.24	0.00	0.00	0.00	6.44
	2008	0.00	0.00	0.00	0.00	0.00	0.04	47.54	27.40	9.87	0.28	0.00	0.00	85.13
	2009	0.00	0.00	0.00	0.00	0.00	0.00	4.66	12.12	0.30	0.01	0.00	0.00	17.08
	2010	0.00	0.00	0.00	0.00	0.00	0.00	5.21	34.61	3.06	0.00	0.73	0.02	43.63
	% flow	**0.01**	**0.05**	**0.00**	**0.19**	**0.00**	**0.53**	**40.98**	**42.47**	**14.43**	**1.22**	**0.11**	**0.00**	
Mean		**0.01**	**0.04**	**0.00**	**0.17**	**0.00**	**0.47**	**36.26**	**37.58**	**12.77**	**1.08**	**0.10**	**0.00**	**88.48**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Dindoli	1973	0.00	0.00	0.00	0.00	0.00	0.00	6.19	7.68	4.29	0.00	0.00	0.00	18.16
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.20	3.64	0.01	0.03	0.00	0.00	3.88
	1975	0.00	0.00	0.00	0.00	0.00	0.01	0.28	1.61	0.40	0.49	0.00	0.00	2.78
	1976	0.00	0.00	0.00	0.00	0.00	0.00	2.42	1.67	1.52	0.00	0.00	0.00	5.61
	1977	0.00	0.00	0.00	0.00	0.00	0.73	3.17	4.08	0.56	0.00	0.00	0.00	8.53
	1978	0.00	0.00	0.00	0.00	0.00	0.00	2.36	1.44	0.14	0.15	0.00	0.00	4.10
	1979	0.00	0.00	0.00	0.00	0.00	0.00	1.28	6.01	0.00	0.00	0.00	0.00	7.29
	1980	0.00	0.00	0.00	0.00	0.00	1.15	0.11	0.05	0.02	0.00	0.00	0.00	1.33
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.14	0.50	0.01	0.00	0.00	0.87
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.23	8.34	0.01	0.00	0.19	0.00	8.76
	1983	0.00	0.00	0.00	0.00	0.00	0.10	0.32	3.47	0.41	0.00	0.00	0.00	4.30
	1984	0.00	0.00	0.00	0.00	0.00	0.00	1.48	2.72	0.05	0.00	0.00	0.00	4.25
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1.18	0.00	0.00	0.00	0.00	1.20
	1986	0.00	0.00	0.00	0.00	0.00	0.00	1.96	1.34	0.00	0.00	0.00	0.00	3.30
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.06	0.00	0.00	0.02	0.50
	1988	0.00	0.00	0.00	0.00	0.00	0.02	1.90	0.56	0.04	0.00	0.00	0.00	2.51
	1989	0.00	0.00	0.00	0.00	0.00	0.62	0.85	4.24	0.17	0.00	0.00	0.00	5.88
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.14	3.44	0.74	0.01	0.00	0.00	4.33
	1991	0.00	0.09	0.00	0.00	0.00	0.00	1.23	0.62	0.24	0.00	0.00	0.00	2.17
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.54	1.37	0.21	0.00	0.00	0.00	2.12
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
	1994	0.00	0.00	0.00	0.00	0.00	0.38	2.51	0.24	0.12	0.00	0.00	0.00	3.26
	1995	0.00	0.00	0.00	0.00	0.00	0.00	3.07	1.34	0.08	0.10	0.00	0.00	4.59
	1996	0.00	0.00	0.00	0.00	0.00	0.00	1.52	2.76	3.92	0.00	0.00	0.00	8.20
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.03	0.93	0.00	0.00	0.00	2.02
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.01	0.00	0.00	0.49
	1999	0.00	0.00	0.00	0.00	0.00	0.21	1.86	2.21	0.03	0.00	0.00	0.00	4.31
	2000	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.39	0.00	0.00	0.00	0.00	1.54
	2001	0.00	0.00	0.00	0.00	0.00	0.00	1.33	2.86	0.02	0.00	0.00	0.00	4.21
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.42
	2003	0.00	0.00	0.00	0.00	0.00	0.00	1.11	1.72	0.97	0.00	0.00	0.00	3.79
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.16	5.25	0.00	0.00	0.00	0.00	5.42
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.22	2.45	2.07	0.02	0.00	0.00	4.76
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.42	4.36	0.01	0.00	0.00	0.00	4.80
	2007	0.00	0.00	0.00	0.00	0.00	0.07	1.74	0.30	0.19	0.00	0.00	0.00	2.30
	2008	0.00	0.00	0.00	0.00	0.00	0.44	0.01	0.35	0.07	0.01	0.00	0.00	0.88
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.73	0.11	0.00	0.00	0.00	1.45
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.49	0.06	0.00	0.01	0.00	1.41
	% flow	**0.00**	**0.06**	**0.00**	**0.00**	**0.00**	**2.57**	**28.49**	**55.51**	**12.64**	**0.58**	**0.13**	**0.01**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.10**	**1.09**	**2.13**	**0.48**	**0.02**	**0.01**	**0.00**	**3.83**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Gambhiri	1973	0.00	0.00	0.00	0.00	0.00	17.28	213.58	423.99	736.65	52.52	13.37	2.61	1460.00
	1974	0.00	0.00	0.00	0.00	0.59	0.78	22.89	128.89	7.29	24.84	0.11	0.00	185.38
	1975	0.00	0.00	0.00	0.00	0.00	0.09	75.18	65.65	81.96	6.39	0.25	0.00	229.51
	1976	0.05	0.27	0.00	0.00	0.00	0.00	20.69	84.24	101.04	0.15	85.69	13.29	305.40
	1977	0.01	0.00	0.00	0.00	0.00	0.00	111.21	67.92	43.88	0.25	0.00	0.00	223.28
	1978	0.00	0.00	0.00	0.00	0.00	2.17	88.98	147.18	61.04	0.90	1.41	0.31	301.98
	1979	0.00	0.00	0.00	0.00	0.00	0.00	40.15	126.61	0.12	0.00	28.18	3.60	198.65
	1980	0.00	0.00	0.00	0.00	0.00	63.40	71.78	70.84	79.94	0.03	0.00	0.00	285.99
	1981	0.00	0.00	0.00	0.00	0.00	5.85	5.68	76.04	39.50	1.60	0.00	0.00	128.67
	1982	0.00	0.00	0.00	0.00	0.08	14.25	18.81	218.96	10.75	0.00	19.60	0.06	282.51
	1983	0.00	0.00	0.00	0.00	0.00	5.63	98.49	57.56	167.42	28.23	0.08	0.00	357.40
	1984	0.00	0.00	0.00	0.00	0.00	0.00	75.08	263.82	46.73	0.87	0.00	0.00	386.50
	1985	0.00	0.00	0.00	0.00	0.00	0.00	4.72	119.59	3.03	10.51	0.00	0.00	137.85
	1986	0.00	0.00	0.00	0.00	0.00	0.00	229.11	147.15	1.44	0.02	0.00	0.00	377.72
	1987	0.15	0.00	0.00	0.00	0.00	0.06	0.25	166.60	105.16	0.03	0.00	0.08	272.33
	1988	0.00	0.00	0.00	0.00	0.00	0.15	18.90	27.24	4.58	0.25	0.00	0.00	51.11
	1989	0.00	0.00	0.00	0.00	0.00	0.00	30.05	325.96	47.54	0.02	0.00	0.00	403.57
	1990	0.00	0.00	0.00	0.00	0.00	1.77	50.62	258.95	76.02	0.85	0.00	0.00	388.21
	1991	0.00	0.00	0.00	1.68	0.00	1.34	131.35	139.20	37.56	0.19	0.00	0.00	311.32
	1992	0.00	0.00	0.00	0.00	0.00	0.00	285.79	321.41	40.62	1.64	0.00	0.00	649.45
	1993	0.00	0.00	0.00	0.00	0.00	0.01	125.51	36.83	40.10	0.17	0.00	0.00	202.61
	1994	0.00	0.00	0.00	0.00	0.00	8.95	91.76	68.49	91.58	0.58	0.00	0.00	261.35
	1995	9.05	0.00	0.00	0.00	0.00	0.00	45.45	19.63	7.64	0.00	0.00	0.00	81.77
	1996	0.00	0.00	0.00	0.00	0.00	0.00	109.52	186.87	114.72	1.06	0.06	0.00	412.23
	1997	0.00	0.00	0.00	0.00	0.00	0.00	25.89	26.97	37.56	0.19	0.00	0.00	90.61
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.51	69.83	18.97	1.75	0.55	0.00	91.60
	1999	0.00	0.00	0.00	0.00	0.00	8.42	85.92	60.93	4.49	0.00	0.00	0.00	159.76
	2000	0.00	0.00	0.00	0.84	0.02	0.00	75.69	18.88	5.00	0.00	0.00	0.00	100.44
	2001	0.00	0.00	0.00	0.00	0.00	6.23	198.36	22.65	0.16	0.00	0.00	0.00	227.41
	2002	0.00	0.00	0.00	0.00	0.00	5.61	1.41	25.82	7.01	0.00	0.00	0.00	39.85
	2003	0.00	0.00	0.00	0.00	0.32	15.78	10.10	97.49	140.98	4.45	0.00	0.00	269.12
	2004	0.00	0.00	0.00	0.00	0.00	2.68	14.38	253.24	17.52	7.36	0.00	0.00	295.18
	2005	0.00	0.00	0.00	0.00	0.00	4.58	18.47	84.16	106.56	5.12	0.00	0.00	218.88
	2006	0.00	0.00	0.00	0.00	0.00	19.78	103.15	472.74	62.05	0.03	0.00	0.00	657.74
	2007	0.00	0.00	0.00	0.00	0.00	15.24	189.07	15.83	6.02	0.05	0.00	0.00	226.21
	2008	0.00	0.00	0.00	0.00	0.00	13.36	50.97	149.16	28.31	1.22	0.00	0.00	243.01
	2009	0.00	0.00	0.00	0.00	0.00	0.00	81.83	41.44	15.37	0.00	0.00	0.00	138.63
	2010	0.00	0.00	0.00	0.00	0.00	0.00	75.64	204.28	15.31	0.00	2.06	0.02	297.32
	% flow	**0.08**	**0.00**	**0.00**	**0.02**	**0.01**	**1.95**	**26.45**	**46.51**	**22.02**	**1.38**	**1.38**	**0.18**	
Mean		**0.24**	**0.01**	**0.00**	**0.07**	**0.03**	**5.62**	**76.23**	**134.03**	**63.46**	**3.98**	**3.98**	**0.53**	**288.17**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Gosunda Irrigation Proj MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	1.87	444.88	867.27	1006.21	25.07	0.01	0.00	2345.31
	1974	0.00	0.00	0.00	0.00	0.00	0.00	44.09	332.12	5.64	93.61	0.01	0.00	475.47
	1975	0.00	0.00	0.00	0.00	0.00	22.68	151.01	163.28	126.33	36.51	0.03	0.00	499.83
	1976	0.42	0.76	0.00	0.00	0.00	0.00	104.24	338.55	179.91	2.65	104.59	4.41	735.53
	1977	0.00	0.00	0.00	0.00	0.00	3.24	115.49	241.65	54.12	0.18	0.00	0.00	414.68
	1978	0.00	0.00	0.00	0.00	0.00	14.00	328.64	270.79	36.47	6.18	2.82	1.41	660.30
	1979	0.00	0.01	0.00	0.00	0.02	3.30	146.80	159.18	0.02	0.00	90.25	1.46	401.03
	1980	0.00	0.00	0.00	0.00	0.00	86.57	287.12	138.77	45.90	0.00	0.00	4.17	562.53
	1981	0.00	0.00	0.00	0.00	3.24	31.60	107.57	94.87	62.75	2.31	21.93	0.00	324.27
	1982	0.07	0.00	0.00	0.00	0.01	0.06	63.43	180.69	9.29	0.00	104.15	0.00	357.68
	1983	0.00	0.00	0.00	0.01	0.00	94.82	180.90	225.25	191.06	59.01	0.01	0.00	751.04
	1984	0.00	0.00	0.00	0.00	0.00	0.75	228.07	371.76	5.88	0.12	0.00	0.00	606.58
	1985	0.00	0.00	0.00	0.47	0.00	0.00	22.80	528.98	0.87	58.26	0.00	0.00	611.38
	1986	0.00	0.00	0.00	0.00	0.00	0.29	402.83	206.02	0.00	0.00	0.00	0.00	609.14
	1987	0.00	0.00	0.00	0.00	0.00	12.65	2.17	164.75	50.67	0.00	0.00	5.17	235.41
	1988	0.00	0.00	0.00	0.00	0.00	3.91	134.64	187.19	107.49	3.08	0.00	0.00	436.32
	1989	0.00	0.00	0.00	0.00	0.00	12.49	94.33	641.75	136.75	0.00	0.00	0.00	885.32
	1990	0.00	0.00	0.00	0.00	0.00	11.24	49.95	410.87	241.03	8.12	0.00	0.00	721.21
	1991	0.00	0.00	0.00	0.28	0.00	0.00	482.92	221.40	36.13	0.00	0.00	0.00	740.72
	1992	0.00	0.00	0.00	0.00	0.00	2.05	605.85	270.25	113.50	2.48	3.28	0.00	997.42
	1993	0.00	0.00	0.00	0.00	0.00	21.92	244.46	11.44	11.51	0.16	0.00	0.00	289.49
	1994	0.12	0.00	0.00	0.00	0.00	48.47	143.40	239.02	155.11	0.00	0.00	0.00	586.12
	1995	1.80	0.00	0.00	0.00	0.00	0.02	212.00	87.64	14.55	1.74	0.00	0.08	317.83
	1996	0.04	0.00	0.00	0.00	0.00	1.55	286.32	293.55	223.74	1.19	0.00	0.00	806.40
	1997	0.00	0.00	0.00	0.11	0.00	0.00	62.14	166.92	123.15	0.33	3.37	0.00	356.02
	1998	0.00	0.00	0.00	0.00	0.00	0.45	15.22	53.43	93.99	15.73	0.00	0.00	178.82
	1999	0.00	0.01	0.00	0.00	0.68	5.09	60.51	49.34	11.17	5.13	0.00	0.00	131.92
	2000	0.00	0.00	0.00	0.00	0.06	0.15	120.61	42.85	1.91	0.00	0.00	0.00	165.59
	2001	0.00	0.00	0.00	0.00	0.01	54.59	521.48	115.06	0.06	0.00	0.00	0.00	691.21
	2002	0.00	0.00	0.00	0.00	0.00	10.16	2.71	55.10	14.02	0.00	0.00	0.00	81.99
	2003	0.00	0.32	0.00	0.00	0.00	6.01	80.30	59.41	55.81	0.45	0.00	0.00	202.29
	2004	0.00	0.00	0.00	0.00	0.00	2.79	64.60	560.05	11.79	49.95	0.00	0.00	689.19
	2005	0.00	0.00	0.00	0.00	0.00	0.78	131.97	430.15	303.01	2.84	1.38	0.00	870.12
	2006	0.00	0.00	0.00	0.00	0.00	20.95	113.24	1350.99	46.76	2.60	0.00	0.00	1534.54
	2007	0.00	0.00	0.00	0.00	0.00	17.29	293.55	135.42	41.06	0.02	27.66	0.02	515.02
	2008	0.00	0.00	0.00	0.01	0.01	15.16	109.76	198.04	53.40	0.00	0.00	0.00	376.38
	2009	0.00	0.00	0.00	0.00	0.00	1.91	242.56	99.82	21.05	0.00	0.00	0.00	365.34
	2010	0.00	0.00	0.00	0.00	0.00	0.01	117.50	253.27	102.44	0.85	41.27	0.31	515.64
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.02**	**2.31**	**30.94**	**46.35**	**16.76**	**1.72**	**1.82**	**0.08**	
Mean		**0.06**	**0.03**	**0.00**	**0.02**	**0.11**	**13.39**	**179.48**	**268.86**	**97.23**	**9.96**	**10.55**	**0.45**	**580.13**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Gulwa Bund	1973	0.00	0.00	0.00	0.00	0.00	0.62	48.37	132.72	5.98	2.04	0.01	0.00	189.74
	1974	0.00	0.00	0.00	0.00	0.00	0.00	98.81	24.92	2.42	22.96	1.48	0.03	150.62
	1975	0.00	0.00	0.00	0.00	0.00	0.00	43.93	123.15	49.25	10.66	1.37	0.01	228.36
	1976	0.00	0.00	0.00	0.00	0.00	6.64	8.81	27.05	26.41	2.23	5.32	3.59	80.05
	1977	0.03	0.00	0.00	0.00	0.00	39.97	104.62	43.31	26.23	2.35	0.00	0.00	216.51
	1978	0.00	0.00	0.00	0.00	0.00	4.12	53.25	14.29	15.96	2.57	0.04	0.00	90.22
	1979	0.00	13.07	0.88	0.00	0.00	0.31	54.21	6.28	0.48	0.09	0.10	0.12	75.53
	1980	0.00	0.00	0.00	0.00	0.00	0.01	20.44	5.02	0.00	0.00	0.00	0.00	25.46
	1981	0.00	0.00	0.00	0.00	0.00	0.00	103.55	13.50	3.98	1.51	0.00	0.00	122.54
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.01	33.27	5.00	0.00	1.08	0.00	39.35
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.96	15.67	0.04	0.00	0.00	55.67
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.75	2.60	0.00	0.00	0.00	11.34
	1985	0.00	0.00	0.00	0.00	0.00	0.00	9.80	5.65	0.03	0.33	0.00	0.00	15.81
	1986	0.00	0.00	0.00	0.00	0.00	0.00	11.34	13.50	0.15	0.00	0.00	0.00	25.00
	1987	0.00	0.00	0.00	0.00	0.00	0.08	0.00	5.35	8.61	0.00	0.00	0.04	14.07
	1988	0.00	0.00	0.00	0.00	0.00	0.07	1.37	0.79	0.40	0.07	0.00	0.00	2.70
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.19	0.00	0.00	0.00	1.68
	1990	0.00	0.00	0.00	0.00	0.00	0.00	8.72	14.99	0.02	0.00	0.00	0.00	23.73
	1991	0.00	0.00	0.00	0.00	0.00	0.00	30.35	29.38	11.73	0.00	0.00	0.00	71.46
	1992	0.00	0.00	0.00	0.00	0.00	0.00	7.51	39.91	2.93	0.00	0.00	0.00	50.35
	1993	0.00	0.00	0.00	0.00	0.00	0.98	1.91	27.19	0.10	0.00	0.00	0.00	30.18
	1994	0.00	0.00	0.00	0.00	0.00	0.13	28.90	49.12	8.79	0.01	0.00	0.00	86.95
	1995	0.09	0.00	0.00	0.00	0.00	0.00	10.95	22.43	11.05	0.01	0.00	0.00	44.53
	1996	0.00	0.00	0.00	0.00	0.00	0.00	2.80	18.38	7.99	0.03	0.00	0.00	29.19
	1997	0.00	0.00	0.00	0.00	0.00	1.45	18.79	15.58	1.90	0.00	0.00	0.00	37.72
	1998	0.00	0.00	0.00	0.00	0.00	0.24	12.95	0.22	0.33	0.05	0.00	0.00	13.78
	1999	0.00	0.00	0.00	0.00	0.00	4.28	25.05	47.94	0.21	0.10	0.00	0.00	77.58
	2000	0.00	0.00	0.00	0.00	0.00	0.00	76.20	13.29	0.15	0.00	0.00	0.00	89.64
	2001	0.00	0.00	0.00	0.00	0.00	0.00	64.82	15.43	0.53	0.00	0.00	0.00	80.78
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.82	0.01	0.00	0.00	0.00	3.82
	2003	0.00	0.00	0.00	0.00	0.00	0.00	1.01	1.51	9.79	0.10	0.00	0.00	12.41
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.37	3.35	0.00	0.00	0.00	69.72
	2005	0.00	0.00	0.00	0.00	0.00	3.54	24.50	1.70	8.86	1.18	0.00	0.00	39.78
	2006	0.00	0.00	0.00	0.00	0.00	0.07	19.28	28.93	0.14	0.00	0.00	0.00	48.43
	2007	0.00	0.00	0.00	0.00	0.00	20.94	48.29	5.20	12.69	0.07	0.00	0.00	87.20
	2008	0.00	0.00	0.00	0.00	0.00	0.85	1.39	4.30	2.64	0.17	0.00	0.00	9.35
	2009	0.00	0.00	0.00	0.00	0.00	2.22	0.14	5.95	0.17	0.00	0.00	0.00	8.48
	2010	0.00	0.00	0.00	0.00	0.00	0.00	2.05	25.92	5.12	0.02	0.00	0.00	33.12
	% flow	**0.01**	**0.57**	**0.04**	**0.00**	**0.00**	**3.77**	**41.18**	**40.85**	**10.98**	**2.03**	**0.41**	**0.17**	
Mean		**0.00**	**0.34**	**0.02**	**0.00**	**0.00**	**2.28**	**24.84**	**24.65**	**6.63**	**1.23**	**0.25**	**0.10**	**60.34**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Hingonia MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.00	47.43	165.26	28.67	0.12	0.00	0.00	241.48
	1974	0.00	0.00	0.00	0.00	0.00	0.00	15.46	15.96	1.65	3.68	0.00	0.00	36.75
	1975	0.00	0.00	0.00	0.00	0.00	0.00	134.03	73.82	21.84	6.30	0.00	0.00	235.99
	1976	0.00	0.00	0.00	0.00	0.00	0.00	4.25	15.98	27.42	0.27	0.00	0.00	47.92
	1977	0.00	0.00	0.00	0.00	0.00	1.33	192.39	35.19	10.60	1.72	0.00	0.00	241.22
	1978	0.00	0.00	0.00	0.00	0.00	3.21	97.84	52.55	15.79	0.00	0.00	0.00	169.40
	1979	0.00	0.27	0.00	0.00	0.00	0.00	26.81	35.33	0.00	0.00	0.00	0.00	62.41
	1980	0.00	0.00	0.00	0.00	0.00	0.00	14.25	38.94	0.01	0.00	0.00	0.01	53.21
	1981	0.00	0.00	0.00	0.00	0.00	0.00	212.56	16.63	2.89	0.68	0.00	0.00	232.76
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.03	16.97	0.94	0.02	0.03	0.01	17.99
	1983	0.00	0.00	0.00	2.52	0.65	0.01	89.97	66.53	11.67	0.00	0.00	0.00	171.34
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.55	60.19	0.94	0.00	0.00	83.68
	1985	0.00	0.00	0.00	0.00	0.00	0.00	66.08	157.73	1.37	28.66	0.05	0.00	253.89
	1986	0.00	0.00	0.00	0.00	8.78	8.56	18.06	25.55	0.30	0.00	0.00	0.00	61.25
	1987	0.00	0.00	0.00	0.00	0.36	0.00	2.17	1.44	0.36	0.00	0.00	0.00	4.33
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.09	1.00	0.00	0.00	0.00	0.00	1.09
	1989	0.00	0.00	0.00	0.00	0.00	0.00	25.19	85.50	8.32	0.00	0.00	0.00	119.01
	1990	0.00	1.11	1.27	0.00	0.00	0.00	50.52	0.62	0.35	0.00	0.00	0.00	53.87
	1991	0.00	0.00	0.00	0.00	0.00	0.00	7.80	56.81	17.31	0.00	0.00	0.03	81.95
	1992	0.00	0.00	0.00	0.00	0.00	0.00	49.50	74.75	45.98	0.16	0.00	0.00	170.39
	1993	0.00	0.00	0.00	0.00	0.00	0.00	29.54	12.17	1.20	0.00	0.00	0.00	42.92
	1994	0.10	0.00	0.00	0.00	0.00	0.13	14.44	42.56	10.95	0.04	0.00	0.00	68.21
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.67	145.12	27.29	0.00	0.00	0.00	173.08
	1996	0.00	0.00	0.00	0.00	0.00	35.02	14.03	64.42	69.08	0.63	0.00	0.00	183.17
	1997	0.00	0.00	0.00	0.01	0.00	0.00	0.06	19.06	9.13	15.46	1.47	0.00	45.18
	1998	0.00	0.00	0.00	0.00	0.00	0.00	97.63	7.55	8.81	1.12	0.00	0.00	115.11
	1999	0.00	0.00	0.00	0.00	0.00	0.00	8.80	40.55	0.00	3.25	0.00	0.00	52.60
	2000	0.00	0.00	0.00	0.00	0.00	0.00	3.44	0.12	3.59	0.00	0.00	0.00	7.15
	2001	0.00	0.00	0.00	0.00	0.00	0.26	8.15	0.03	0.00	0.40	0.00	0.00	8.83
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.32
	2003	0.00	0.00	0.00	0.00	0.00	0.00	43.79	6.57	0.86	0.00	0.00	0.00	51.22
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.17	5.21	26.89	0.10	0.00	114.38
	2005	0.00	0.00	0.00	0.00	0.00	0.00	17.05	0.17	2.31	0.48	0.00	0.00	20.01
	2006	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.06	0.00	0.00	0.00	0.00	1.67
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.15	7.38	0.00	0.00	0.00	12.54
	2008	0.00	0.00	0.00	0.00	0.00	2.39	0.14	4.71	2.13	0.02	0.00	0.00	9.39
	2009	0.00	0.00	0.00	0.00	0.00	0.00	1.08	2.51	0.32	0.00	0.00	0.00	3.91
	2010	0.00	0.00	0.00	0.00	0.00	0.00	16.66	63.59	10.73	0.47	2.16	0.48	94.08
	% flow	**0.00**	**0.04**	**0.04**	**0.08**	**0.29**	**1.52**	**39.22**	**43.54**	**12.40**	**2.73**	**0.11**	**0.02**	
Mean		**0.00**	**0.04**	**0.03**	**0.07**	**0.26**	**1.34**	**34.51**	**38.31**	**10.91**	**2.40**	**0.10**	**0.01**	**87.99**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Jetpura	1973	0.00	0.00	0.00	0.00	0.00	0.00	11.23	15.39	28.64	8.44	1.55	0.05	65.31
	1974	0.00	0.00	0.00	0.00	0.00	0.00	10.54	29.06	0.41	0.68	0.00	0.00	40.69
	1975	0.00	0.00	0.00	0.00	0.00	0.03	2.63	4.05	5.29	0.41	0.01	0.00	12.42
	1976	0.00	0.00	0.00	0.00	0.00	0.00	2.95	25.87	10.12	3.25	7.06	2.23	51.49
	1977	0.09	0.00	0.00	0.00	0.00	0.04	8.17	13.36	5.12	0.76	0.00	0.00	27.53
	1978	0.00	0.00	0.00	0.00	0.00	0.14	4.10	10.98	11.60	0.28	0.01	0.00	27.11
	1979	0.00	0.00	0.00	0.00	0.00	0.00	29.11	2.46	0.19	0.01	0.63	0.06	32.47
	1980	0.00	0.00	0.00	0.00	0.00	0.93	5.35	2.72	0.11	0.00	0.00	0.00	9.11
	1981	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.03	0.98	0.05	0.01	0.00	10.10
	1982	0.00	0.00	0.00	0.00	0.00	0.00	13.02	19.85	0.32	0.01	1.39	0.00	34.59
	1983	0.00	0.00	0.00	0.00	0.00	0.06	10.13	4.00	2.15	0.35	0.02	0.00	16.71
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.98	10.24	21.62	0.34	0.02	0.00	33.20
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.76	10.84	3.18	1.57	0.08	0.00	16.42
	1986	0.00	0.00	0.00	0.00	0.00	0.00	48.35	25.55	1.04	0.21	0.00	0.00	75.14
	1987	0.00	0.00	0.00	0.00	0.00	0.36	0.02	16.24	7.13	0.00	0.00	0.05	23.81
	1988	0.00	0.00	0.00	0.00	0.00	0.41	5.77	2.63	4.14	0.25	0.00	0.00	13.20
	1989	0.00	0.00	0.00	0.00	0.00	0.05	2.94	28.85	1.31	0.21	0.01	0.00	33.37
	1990	0.00	0.00	0.00	0.00	0.00	0.35	11.66	20.85	8.16	0.43	0.04	0.00	41.49
	1991	0.00	0.00	0.00	0.00	0.00	0.00	3.72	25.28	12.29	0.35	0.03	0.00	41.67
	1992	0.00	0.00	0.00	0.00	0.00	0.00	20.00	25.39	5.80	0.57	0.06	0.00	51.82
	1993	0.00	0.00	0.00	0.00	0.00	3.45	33.59	1.44	0.11	0.02	0.00	0.00	38.60
	1994	0.00	0.00	0.00	0.00	0.00	0.87	47.22	33.03	14.05	2.78	0.27	0.00	98.22
	1995	0.00	0.00	0.00	0.00	0.00	0.00	18.73	6.16	7.46	1.10	0.01	0.00	33.46
	1996	0.00	0.00	0.00	0.00	0.00	0.60	21.26	22.87	8.77	1.79	0.05	0.00	55.33
	1997	0.00	0.00	0.00	0.00	0.00	0.10	2.09	15.63	1.65	0.09	0.00	0.00	19.56
	1998	0.00	0.00	0.00	0.00	0.00	0.00	2.83	0.34	3.18	0.15	0.00	0.00	6.50
	1999	0.00	0.00	0.00	0.00	0.00	0.05	12.56	4.16	0.98	0.00	0.00	0.00	17.75
	2000	0.00	0.00	0.00	0.00	0.19	0.00	22.64	0.68	0.01	0.00	0.00	0.00	23.52
	2001	0.00	0.00	0.00	0.00	0.00	0.04	29.78	1.50	0.00	0.00	0.00	0.00	31.32
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.13	13.98	0.00	0.00	0.00	0.00	14.12
	2003	0.00	0.00	0.00	0.00	0.00	0.04	13.67	8.30	15.95	0.24	0.00	0.00	38.20
	2004	0.00	0.00	0.00	0.00	0.00	0.01	1.59	42.69	0.26	0.01	0.00	0.00	44.56
	2005	0.00	0.00	0.00	0.00	0.00	0.00	3.81	0.80	11.99	0.36	0.00	0.00	16.96
	2006	0.00	0.00	0.00	0.00	0.00	0.02	5.07	24.21	5.39	0.16	0.02	0.00	34.87
	2007	0.00	0.00	0.00	0.00	0.00	0.00	34.10	2.99	0.65	0.00	0.00	0.00	37.74
	2008	0.00	0.00	0.00	0.00	0.00	1.87	2.95	5.45	5.52	0.02	0.00	0.00	15.81
	2009	0.00	0.00	0.00	0.00	0.00	0.00	11.64	0.16	0.00	0.00	0.00	0.00	11.79
	2010	0.00	0.00	0.00	0.00	0.00	0.00	2.72	17.72	7.14	0.42	0.12	0.00	28.12
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.02**	**0.77**	**38.14**	**40.50**	**17.38**	**2.07**	**0.93**	**0.20**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.25**	**12.28**	**13.05**	**5.60**	**0.67**	**0.30**	**0.06**	**32.21**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Kalakh Bund	1973	0.00	0.00	0.00	0.00	0.00	0.00	13.65	46.28	10.70	0.06	0.00	0.00	70.69
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.39	4.90	0.67	0.78	0.00	0.00	6.74
	1975	0.00	0.00	0.00	0.00	0.00	0.00	44.65	39.27	4.36	6.29	0.00	0.00	94.56
	1976	0.00	0.00	0.00	0.00	0.00	0.00	1.03	12.64	0.85	0.00	0.00	0.00	14.52
	1977	0.00	0.00	0.00	0.00	0.00	1.00	83.08	9.16	0.77	0.00	0.00	0.00	94.02
	1978	0.00	0.00	0.00	0.00	0.00	0.00	44.60	25.55	1.36	0.00	0.00	0.00	71.50
	1979	0.00	0.17	0.00	0.00	0.00	0.00	18.32	2.63	0.00	0.00	0.00	0.00	21.13
	1980	0.00	0.00	0.00	0.00	0.00	0.00	7.98	27.03	0.03	0.00	0.00	0.05	35.09
	1981	0.00	0.00	0.00	0.00	0.00	0.00	65.03	10.25	0.01	0.00	0.00	0.00	75.29
	1982	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.24	0.00	0.00	0.00	0.00	0.28
	1983	0.00	0.00	0.00	0.00	0.10	0.00	33.29	37.44	12.02	0.02	0.00	0.00	82.87
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.73	60.68	1.10	0.00	0.00	84.52
	1985	0.00	0.00	0.00	0.00	0.00	0.00	57.13	93.91	1.09	16.78	0.07	0.00	168.97
	1986	0.00	0.00	0.00	0.00	8.63	8.92	0.03	0.02	0.00	0.00	0.00	0.00	17.59
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.52	0.00	0.00	0.00	1.92
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01	0.00	0.00	0.00	0.10
	1989	0.00	0.00	0.00	0.00	0.00	0.00	25.35	81.80	7.32	0.00	0.00	0.00	114.46
	1990	0.00	1.25	1.47	0.00	0.00	0.00	38.92	0.12	0.00	0.00	0.00	0.00	41.76
	1991	0.00	0.00	0.00	0.00	0.00	0.00	3.74	37.28	10.09	0.00	0.00	0.00	51.12
	1992	0.00	0.01	0.00	0.00	0.00	0.00	12.05	37.90	24.18	0.17	0.00	0.00	74.31
	1993	0.00	0.00	0.00	0.00	0.00	0.02	20.30	10.06	0.01	0.00	0.00	0.00	30.38
	1994	0.00	0.00	0.00	0.00	0.00	0.04	4.72	25.81	3.32	0.00	0.00	0.00	33.89
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.60	53.81	7.56	0.01	0.00	0.00	61.98
	1996	0.00	0.00	0.00	0.00	0.00	27.71	12.31	28.79	36.73	0.49	0.00	0.00	106.03
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.03	13.20	2.08	2.95	0.03	0.00	18.29
	1998	0.00	0.00	0.00	0.00	0.00	0.00	30.45	1.50	6.02	1.20	0.00	0.00	39.17
	1999	0.00	0.00	0.00	0.00	0.00	0.00	3.32	13.34	0.00	0.00	0.00	0.00	16.66
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.01	3.88	0.00	0.00	0.00	4.53
	2001	0.00	0.00	0.00	0.00	0.00	0.43	2.94	0.05	0.00	0.51	0.00	0.00	3.94
	2002	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
	2003	0.00	0.00	0.00	0.00	0.00	0.00	38.22	4.51	0.96	0.00	0.00	0.00	43.69
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.02	0.00	0.00	0.00	0.98
	2005	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.15	0.03	0.00	0.00	1.39
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.02	0.00	0.00	0.00	0.00	0.39
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.02
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.03	3.69	0.42	0.00	0.00	0.00	4.14
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.64	0.06	0.00	0.00	0.00	2.71
	2010	0.00	0.00	0.00	0.00	0.00	0.00	16.73	33.16	8.96	0.55	0.01	0.00	59.42
	% flow	**0.00**	**0.09**	**0.09**	**0.00**	**0.57**	**2.46**	**37.52**	**44.04**	**13.22**	**2.00**	**0.01**	**0.00**	
Mean		**0.00**	**0.04**	**0.04**	**0.00**	**0.23**	**1.00**	**15.29**	**17.95**	**5.39**	**0.81**	**0.00**	**0.00**	**40.77**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Kalisil	1973	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
	1974	0.00	0.00	0.00	0.00	0.00	0.00	76.39	7.93	0.01	0.00	0.00	0.00	84.32
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1976	0.00	0.00	0.00	0.00	0.00	6.62	3.02	55.44	1.72	0.01	2.41	0.27	69.48
	1977	0.00	0.00	0.00	0.00	0.00	4.53	43.07	53.89	68.14	24.17	4.82	0.35	198.98
	1978	0.01	0.00	0.00	0.00	0.00	0.00	0.31	20.63	29.52	7.19	0.64	0.00	58.30
	1979	0.00	0.38	0.00	0.00	0.00	0.00	5.28	10.62	0.00	0.00	0.07	0.05	16.40
	1980	0.00	0.00	0.00	0.00	0.00	0.17	7.73	39.37	2.19	0.00	0.00	0.00	49.47
	1981	0.00	0.00	0.00	0.00	0.00	0.00	89.73	25.32	0.01	0.00	0.00	0.00	115.05
	1982	0.07	0.01	0.00	0.00	0.00	0.01	1.15	37.28	1.02	0.00	0.17	0.00	39.70
	1983	0.00	0.00	0.00	0.01	0.00	0.00	15.38	9.94	19.10	0.05	0.01	0.00	44.49
	1984	0.00	0.00	0.00	0.00	0.00	0.26	4.49	0.39	21.12	0.01	0.00	0.00	26.28
	1985	0.00	0.00	0.00	0.00	0.00	0.00	2.78	48.02	0.25	0.03	0.00	0.00	51.08
	1986	0.00	0.01	0.00	0.00	0.00	0.36	45.85	26.75	7.59	1.30	0.00	0.00	81.86
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.47	5.88	0.00	0.00	1.54	8.19
	1988	0.00	0.00	0.00	0.00	0.00	2.58	62.41	13.56	0.25	0.02	0.00	0.00	78.81
	1989	0.00	0.00	0.00	0.00	0.00	0.24	0.03	0.68	0.13	0.00	0.00	0.00	1.08
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.29	4.82	0.04	0.00	0.00	5.48
	1991	0.00	0.00	0.00	0.00	0.00	0.00	2.91	24.38	12.80	0.00	0.00	0.00	40.09
	1992	0.00	0.00	0.00	0.00	0.00	0.00	28.28	47.52	9.58	8.87	0.81	0.05	95.11
	1993	0.00	0.00	0.00	0.00	0.00	0.00	17.96	19.03	7.11	0.02	0.00	0.00	44.12
	1994	0.00	0.00	0.00	0.00	0.00	0.36	15.09	3.29	4.76	0.00	0.00	0.00	23.50
	1995	8.66	0.00	0.00	0.00	0.00	0.07	9.80	204.34	2.27	0.05	0.04	0.01	225.22
	1996	0.00	0.00	0.00	0.00	0.00	0.00	9.22	54.24	18.80	0.05	0.02	0.00	82.34
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.46	14.23	14.31	0.12	0.07	0.03	29.21
	1998	0.00	0.00	0.00	0.00	0.00	0.00	3.43	19.74	13.47	0.31	0.00	0.00	36.94
	1999	0.00	0.00	0.00	0.00	0.00	0.00	8.55	5.81	11.78	4.64	0.00	0.00	30.77
	2000	0.00	0.00	0.00	0.00	0.00	0.00	35.14	2.45	0.01	0.00	0.00	0.00	37.60
	2001	0.00	0.00	0.00	0.00	0.00	0.00	34.34	2.59	0.00	0.00	0.00	0.00	36.93
	2002	0.00	0.48	0.00	0.00	0.00	0.00	0.01	0.59	0.03	0.00	0.00	0.00	1.10
	2003	0.00	0.00	0.00	0.00	0.00	0.00	24.78	18.17	17.00	0.41	0.00	0.00	60.36
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.13	0.51	0.02	0.00	0.00	30.66
	2005	0.00	0.00	0.02	0.00	0.00	0.00	85.25	0.78	0.00	0.00	0.00	0.00	86.06
	2006	0.00	0.00	0.00	0.00	0.00	1.94	11.18	2.65	1.98	0.00	0.00	0.00	17.74
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.01	21.61	0.14	0.00	0.00	0.00	21.76
	2008	0.00	0.00	0.00	0.00	0.00	0.14	42.85	36.53	5.16	0.03	0.00	0.00	84.71
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	10.89	0.18	0.42	0.00	12.96
	2010	0.00	0.00	0.00	0.00	0.00	0.00	2.46	15.48	0.39	0.00	2.17	0.03	20.53
	% flow	**0.46**	**0.05**	**0.00**	**0.00**	**0.00**	**0.89**	**35.44**	**44.98**	**15.04**	**2.44**	**0.60**	**0.12**	
Mean		**0.23**	**0.02**	**0.00**	**0.00**	**0.00**	**0.45**	**18.16**	**23.04**	**7.70**	**1.25**	**0.31**	**0.06**	**51.23**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Khari	1973	0.00	0.00	0.00	0.00	0.00	0.43	0.22	30.56	92.53	0.12	0.00	0.00	123.87
	1974	0.00	0.00	0.00	0.00	2.27	2.43	10.85	1.34	0.00	0.00	0.00	0.00	16.89
	1975	0.00	0.00	0.00	0.00	0.00	0.00	48.13	18.36	31.00	8.22	0.43	0.00	106.13
	1976	0.00	0.00	0.00	0.00	0.00	0.00	31.79	49.63	1.12	0.00	0.00	0.00	82.54
	1977	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11
	1978	0.00	0.00	0.00	0.00	0.00	0.00	36.96	15.38	0.59	0.00	0.00	0.00	52.93
	1979	0.00	0.31	0.00	0.00	0.00	0.00	100.23	21.26	0.00	0.00	0.00	0.00	121.79
	1980	0.00	0.00	0.00	0.00	0.00	18.90	17.11	0.00	0.00	0.00	0.00	0.00	36.01
	1981	0.00	0.00	0.00	0.00	0.00	0.00	43.42	0.84	12.36	0.41	0.09	0.00	57.11
	1982	0.13	0.00	0.00	0.00	0.00	0.50	36.67	87.45	6.00	0.00	0.00	0.00	130.73
	1983	0.00	0.00	0.00	0.00	1.89	0.58	40.39	66.67	6.22	0.00	0.00	0.00	115.74
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.65	3.32	0.00	0.00	0.00	26.96
	1985	0.00	0.00	0.00	0.00	1.47	14.02	10.12	13.45	0.00	0.00	0.00	0.00	39.07
	1986	0.00	0.00	0.00	0.00	0.00	0.00	16.36	52.55	0.66	0.00	0.00	0.00	69.57
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.61	46.90	42.27	0.02	0.00	0.00	0.00	89.79
	1989	0.00	0.00	0.00	0.00	0.00	0.00	1.08	11.76	3.99	0.23	0.00	0.00	17.07
	1990	0.00	0.00	0.00	0.00	0.00	0.00	9.48	7.81	9.68	0.87	0.00	0.00	27.83
	1991	0.00	0.00	0.00	0.00	0.00	0.00	20.17	20.90	0.42	0.00	0.00	0.00	41.49
	1992	0.00	0.00	0.00	0.00	0.00	0.00	8.11	51.53	111.12	0.24	0.00	0.00	171.00
	1993	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.05	0.00	0.00	0.00	0.00	9.44
	1994	0.09	0.00	0.00	0.00	0.00	0.00	92.08	36.00	5.17	0.00	0.00	0.00	133.34
	1995	0.00	0.00	0.00	0.00	0.00	0.00	56.97	10.91	2.95	0.00	0.00	0.00	70.83
	1996	0.00	0.00	0.00	0.00	0.00	0.00	10.80	47.27	22.76	0.06	0.00	0.00	80.90
	1997	0.00	0.00	0.00	0.01	1.14	0.00	2.63	73.92	12.72	0.04	0.00	0.00	90.46
	1998	0.00	0.00	0.00	0.00	0.00	0.00	2.39	0.12	0.95	27.72	0.38	0.00	31.56
	1999	0.00	0.00	0.00	0.00	0.00	0.91	31.74	69.29	0.82	0.13	0.00	0.00	102.90
	2000	0.00	0.00	0.00	0.00	0.00	0.00	14.41	0.81	0.00	0.00	0.00	0.00	15.22
	2001	0.00	0.00	0.00	0.00	0.00	1.12	51.05	7.96	0.00	0.00	0.00	0.00	60.13
	2002	0.00	0.00	0.00	0.00	0.00	0.26	0.47	0.00	0.04	0.00	0.00	0.00	0.77
	2003	0.00	0.51	0.00	0.00	0.00	0.00	3.05	11.81	1.11	0.00	0.00	0.00	16.48
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.03	17.00	0.17	4.46	0.00	0.00	21.66
	2005	0.00	0.00	0.00	0.00	0.00	0.00	1.91	23.32	87.84	8.44	0.00	0.00	121.51
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.04	101.99	22.76	0.00	0.00	0.00	124.79
	2007	0.00	0.00	0.00	0.00	0.00	0.00	50.35	0.76	0.68	0.00	0.00	0.00	51.79
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.13	1.88	0.00	0.00	0.00	7.02
	2009	0.00	0.00	0.00	0.00	0.00	0.00	8.46	0.14	0.00	0.00	0.00	0.00	8.61
	2010	0.00	0.00	0.00	0.00	0.00	0.00	4.14	40.34	3.19	0.00	5.91	0.77	54.34
	% flow	**0.01**	**0.04**	**0.00**	**0.00**	**0.29**	**1.71**	**35.13**	**41.33**	**18.99**	**2.19**	**0.29**	**0.03**	
Mean		**0.01**	**0.02**	**0.00**	**0.00**	**0.18**	**1.05**	**21.52**	**25.32**	**11.63**	**1.34**	**0.18**	**0.02**	**61.27**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Kothari Dam MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.00	32.68	314.71	99.20	7.02	0.35	0.00	453.95
	1974	0.00	0.00	0.00	0.00	0.00	0.00	13.12	78.45	12.89	0.00	0.00	0.00	104.46
	1975	0.00	0.00	0.00	0.00	0.00	0.00	144.18	46.31	63.30	0.85	0.00	0.00	254.64
	1976	0.02	0.24	0.00	0.00	0.00	0.00	80.35	200.00	96.22	1.61	0.44	0.17	379.03
	1977	0.00	0.00	0.00	0.00	0.00	8.07	94.49	76.66	13.12	0.00	0.00	0.00	192.35
	1978	0.00	0.00	0.00	0.00	0.00	0.00	164.11	30.99	29.39	13.38	0.00	0.00	237.87
	1979	0.00	0.00	0.00	0.00	0.00	0.00	103.09	76.36	0.12	0.19	3.94	0.26	183.96
	1980	0.00	0.00	0.00	0.00	0.00	1.54	5.26	1.53	0.00	0.00	0.00	0.00	8.33
	1981	0.00	0.00	1.28	0.04	0.00	0.00	22.44	8.91	4.63	0.97	0.00	0.00	38.26
	1982	0.00	0.00	0.00	0.00	0.02	0.28	20.72	137.46	10.70	0.85	14.34	0.17	184.53
	1983	0.00	0.00	0.00	0.00	0.00	0.00	117.53	268.64	59.77	1.44	0.00	0.00	447.38
	1984	0.00	0.00	0.00	0.00	0.00	0.00	2.29	70.87	38.03	0.12	0.00	0.00	111.30
	1985	0.00	0.00	0.00	0.00	0.78	5.14	4.12	28.34	1.70	0.00	0.00	0.15	40.23
	1986	0.00	0.00	0.00	0.00	0.00	0.00	24.24	57.26	2.19	0.00	0.00	0.00	83.69
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.15	20.65	0.00	0.00	0.25	37.04
	1988	0.00	0.00	0.00	0.00	0.00	0.28	38.33	37.61	10.23	0.64	0.00	0.00	87.08
	1989	0.00	0.00	0.00	0.00	0.00	0.01	20.42	103.12	28.38	0.04	0.00	0.00	151.96
	1990	0.00	0.00	0.00	0.00	0.00	0.00	64.39	106.33	30.46	0.83	0.00	0.00	202.01
	1991	0.00	0.00	0.00	0.00	0.00	0.00	53.43	110.43	7.26	0.51	0.00	0.00	171.63
	1992	0.00	0.00	0.00	0.00	0.00	0.00	30.72	146.35	21.76	0.00	0.00	0.00	198.83
	1993	0.00	0.00	0.00	0.00	0.00	0.00	7.77	0.01	0.03	0.00	0.00	0.00	7.80
	1994	0.00	0.00	0.00	0.00	0.00	3.91	192.76	29.60	14.75	0.03	0.00	0.00	241.06
	1995	0.34	0.00	0.00	0.00	0.00	0.00	162.34	59.43	13.35	0.00	0.00	0.00	235.46
	1996	0.00	0.00	0.00	0.00	0.00	0.00	57.83	154.97	21.52	0.00	0.00	0.00	234.32
	1997	0.00	0.00	0.00	0.00	0.00	0.02	18.55	201.26	26.70	3.48	0.00	0.00	250.00
	1998	0.00	0.00	0.00	0.00	0.00	0.00	10.90	0.02	64.59	52.10	0.43	0.00	128.04
	1999	0.00	0.00	0.00	0.00	0.00	0.00	21.52	105.80	0.78	0.00	0.00	0.00	128.09
	2000	0.00	0.00	0.00	0.00	0.00	0.00	118.87	20.91	0.29	0.00	0.00	0.00	140.07
	2001	0.00	0.00	0.00	0.00	0.00	2.94	136.84	98.49	0.93	0.00	0.00	0.00	239.20
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.34	0.44	0.00	0.00	0.00	11.77
	2003	0.00	0.00	0.00	0.00	0.00	4.79	36.27	5.32	3.70	0.00	0.00	0.00	50.08
	2004	0.00	0.00	0.00	0.00	0.00	0.00	2.65	226.67	10.41	0.14	0.00	0.00	239.87
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.36	5.33	33.88	5.74	0.00	0.00	45.31
	2006	0.00	0.00	0.00	0.00	0.00	1.55	65.43	211.62	19.98	0.01	0.00	0.00	298.59
	2007	0.00	0.00	0.00	0.00	0.00	0.00	45.51	2.86	0.82	0.00	0.00	0.00	49.19
	2008	0.00	0.00	0.00	0.00	3.10	5.85	4.74	1.96	31.60	2.64	0.00	0.00	49.87
	2009	0.00	0.00	0.00	0.00	0.00	0.00	5.64	1.51	0.00	0.00	0.00	0.00	7.16
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.58	7.39	0.00	7.48	1.26	44.70
	% flow	**0.01**	**0.00**	**0.02**	**0.00**	**0.07**	**0.58**	**32.23**	**51.63**	**13.42**	**1.55**	**0.45**	**0.04**	
Mean		**0.01**	**0.01**	**0.03**	**0.00**	**0.10**	**0.90**	**50.63**	**81.11**	**21.08**	**2.44**	**0.71**	**0.06**	**157.08**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Lassadia Bund	1973	0.00	0.00	0.00	0.00	0.00	0.00	9.58	149.59	17.49	0.08	0.00	0.00	176.74
	1974	0.00	0.00	0.00	0.00	0.00	0.01	77.97	15.09	0.00	14.78	0.11	0.00	107.95
	1975	0.00	0.00	0.00	0.00	0.00	0.05	91.09	54.05	24.82	3.39	0.70	0.00	174.09
	1976	0.00	0.00	0.00	0.00	0.00	0.00	22.75	166.57	33.52	0.34	0.00	0.00	223.17
	1977	0.00	0.00	0.00	0.00	0.00	11.34	66.21	114.02	8.76	0.00	0.00	0.00	200.33
	1978	0.00	0.00	0.00	0.00	0.00	2.98	6.86	39.77	26.54	0.00	0.00	0.00	76.16
	1979	0.00	0.00	0.00	0.00	0.00	0.00	204.20	19.58	0.00	0.00	0.00	0.00	223.79
	1980	0.00	0.00	0.00	0.00	0.00	6.52	8.36	52.93	0.08	0.00	0.00	0.00	67.89
	1981	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.01	0.00	0.00	0.00	1.15
	1982	0.00	0.00	0.00	0.01	0.47	0.00	0.55	28.74	4.28	0.68	0.00	0.00	34.73
	1983	0.00	0.00	0.00	1.12	0.00	0.00	94.44	160.03	25.81	0.01	0.00	0.00	281.41
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.95	12.48	0.00	0.00	0.00	37.43
	1985	0.00	0.00	0.00	0.00	0.00	0.00	7.10	47.92	0.80	0.00	0.00	0.00	55.81
	1986	0.00	0.00	0.00	0.00	0.00	0.00	18.76	28.42	0.69	0.00	0.00	0.00	47.87
	1987	0.00	0.00	0.00	0.00	0.00	0.00	2.09	0.21	1.33	0.00	0.00	0.00	3.63
	1988	0.00	0.00	0.00	0.00	0.00	0.00	17.57	14.25	1.92	0.00	0.00	0.00	33.74
	1989	0.00	0.00	0.00	0.00	0.00	0.49	0.05	68.86	20.48	0.04	0.00	0.00	89.92
	1990	0.00	0.00	0.00	0.00	0.00	4.68	146.11	310.16	65.73	1.09	0.00	0.00	527.77
	1991	0.00	0.00	0.00	0.00	0.00	0.00	25.74	175.17	32.12	0.03	0.00	0.00	233.05
	1992	0.00	0.00	0.00	0.00	0.00	0.00	38.86	133.25	55.96	0.69	0.00	0.00	228.76
	1993	0.00	0.00	0.00	0.01	0.00	8.12	107.86	8.40	0.00	0.00	0.00	0.00	124.39
	1994	10.53	0.11	0.00	0.00	0.00	0.02	232.03	97.25	27.37	0.06	0.00	0.00	367.37
	1995	0.00	0.00	0.00	0.00	0.00	0.00	108.77	89.78	44.19	0.12	0.00	0.00	242.86
	1996	0.00	0.00	0.00	0.00	0.00	13.22	145.63	271.05	64.07	0.88	0.00	0.00	494.85
	1997	0.00	0.00	0.00	0.78	0.25	13.13	6.80	188.72	70.79	4.51	0.03	0.01	285.01
	1998	0.00	0.00	0.00	0.00	0.00	0.08	10.06	28.87	71.77	76.42	2.08	0.00	189.28
	1999	0.00	0.00	0.00	0.00	0.00	9.19	24.86	85.23	7.73	3.84	0.00	0.00	130.85
	2000	0.00	0.00	0.00	0.00	0.00	0.00	74.27	97.47	9.64	0.00	0.00	0.00	181.38
	2001	0.00	0.00	0.00	0.00	0.00	3.80	122.56	32.73	0.43	0.00	0.00	0.00	159.52
	2002	0.00	0.00	0.00	0.00	0.00	0.01	0.27	0.00	0.00	0.00	0.00	0.00	0.29
	2003	0.00	0.00	0.00	0.00	0.00	19.32	19.00	75.32	18.20	7.36	0.00	0.00	139.19
	2004	0.00	0.00	0.00	0.00	0.00	0.00	16.25	78.72	8.01	0.43	0.00	0.00	103.41
	2005	0.00	0.00	0.00	0.00	0.00	0.05	0.65	0.00	145.49	51.80	0.34	0.00	198.32
	2006	0.00	0.00	0.00	0.00	0.00	0.01	1.53	58.76	33.54	0.03	0.00	0.00	93.88
	2007	0.00	0.00	0.00	0.00	0.00	0.00	83.14	30.32	43.24	0.06	0.00	0.00	156.75
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.19	59.59	35.10	2.59	0.00	0.00	97.47
	2009	0.00	0.00	0.00	0.00	0.00	0.00	4.51	1.75	1.93	0.00	0.00	0.00	8.19
	2010	0.00	0.00	0.00	0.00	0.00	0.00	16.80	296.77	60.19	2.05	38.75	9.47	424.03
	% flow	**0.17**	**0.00**	**0.00**	**0.03**	**0.01**	**1.49**	**29.16**	**49.89**	**15.66**	**2.75**	**0.68**	**0.15**	
Mean		**0.28**	**0.00**	**0.00**	**0.05**	**0.02**	**2.45**	**47.75**	**81.69**	**25.64**	**4.51**	**1.11**	**0.25**	**163.75**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Mandal	1973	0.00	0.00	0.00	0.00	0.00	0.00	2.02	11.63	6.59	0.01	0.00	0.00	20.25
	1974	0.00	0.00	0.00	0.00	0.01	0.00	0.79	8.73	0.52	0.02	0.00	0.00	10.06
	1975	0.00	0.00	0.00	0.00	0.00	0.00	2.76	6.29	4.01	0.05	0.00	0.00	13.11
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.87	8.12	4.63	0.01	0.00	0.00	13.62
	1977	0.00	0.00	0.00	0.00	0.00	0.10	5.80	3.17	2.18	0.00	0.00	0.00	11.25
	1978	0.00	0.00	0.00	0.00	0.00	0.03	2.08	0.77	0.52	0.00	0.01	0.01	3.41
	1979	0.00	0.02	0.00	0.00	0.00	0.00	5.28	5.68	0.00	0.00	0.02	0.00	11.00
	1980	0.00	0.00	0.00	0.00	0.00	0.18	0.16	0.12	0.00	0.00	0.00	0.00	0.46
	1981	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.05	1.94	0.27	0.00	0.00	3.27
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.27	9.63	0.24	0.00	1.73	0.00	11.87
	1983	0.00	0.00	0.00	0.00	0.00	0.00	2.54	12.54	3.42	0.00	0.00	0.00	18.50
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.09	4.24	1.09	0.00	0.00	0.00	5.41
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.75	0.13	0.01	0.00	0.00	2.32
	1986	0.00	0.00	0.00	0.00	0.00	0.00	1.27	10.17	0.09	0.00	0.00	0.00	11.53
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.26	2.32	0.00	0.00	0.28	5.86
	1988	0.00	0.00	0.00	0.00	0.00	0.02	1.63	1.72	0.57	0.10	0.00	0.00	4.04
	1989	0.00	0.00	0.00	0.00	0.00	0.19	1.76	18.63	3.60	0.00	0.00	0.00	24.17
	1990	0.00	0.00	0.00	0.00	0.00	0.00	3.62	5.84	3.49	0.16	0.00	0.00	13.11
	1991	0.00	0.00	0.00	0.00	0.00	0.00	5.38	10.39	0.31	0.00	0.00	0.00	16.08
	1992	0.00	0.00	0.00	0.00	0.00	0.00	1.72	7.89	0.11	0.00	0.00	0.00	9.71
	1993	0.00	0.00	0.00	0.00	0.00	0.01	0.97	0.18	0.03	0.00	0.00	0.00	1.19
	1994	0.01	0.00	0.00	0.00	0.00	0.96	26.11	2.24	0.65	0.00	0.00	0.00	29.96
	1995	0.02	0.00	0.00	0.00	0.00	0.00	4.24	1.91	1.65	0.00	0.00	0.00	7.82
	1996	0.00	0.00	0.00	0.00	0.00	0.00	4.47	11.48	4.87	0.01	0.00	0.00	20.83
	1997	0.00	0.00	0.00	0.00	0.00	0.00	1.13	9.57	0.52	0.04	0.00	0.00	11.26
	1998	0.00	0.00	0.00	0.00	0.00	0.01	0.18	0.01	0.20	0.29	0.00	0.00	0.68
	1999	0.00	0.00	0.00	0.00	0.00	0.00	1.16	3.55	0.01	0.00	0.00	0.00	4.72
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2.60	2.13	0.08	0.00	0.00	0.00	4.82
	2001	0.00	0.00	0.00	0.00	0.00	0.00	6.32	9.97	0.14	0.00	0.00	0.00	16.43
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.39
	2003	0.00	0.00	0.00	0.00	0.00	2.58	2.20	0.98	0.13	0.00	0.00	0.00	5.88
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.78	22.59	0.40	0.27	0.00	0.00	24.04
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93	0.41	0.00	0.00	3.34
	2006	0.00	0.00	0.00	0.00	0.00	0.09	4.61	18.39	1.12	0.00	0.00	0.00	24.20
	2007	0.00	0.00	0.00	0.00	0.00	0.00	3.30	0.25	0.07	0.00	0.00	0.00	3.62
	2008	0.00	0.00	0.00	0.00	0.00	0.59	1.39	0.64	3.63	0.07	0.00	0.00	6.31
	2009	0.00	0.00	0.00	0.00	0.00	0.00	1.85	0.49	0.02	0.00	0.00	0.00	2.35
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.06	6.05	1.63	0.00	0.46	0.07	8.28
	% flow	**0.01**	**0.01**	**0.00**	**0.00**	**0.00**	**1.23**	**26.18**	**57.49**	**13.97**	**0.44**	**0.58**	**0.10**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.12**	**2.65**	**5.83**	**1.42**	**0.05**	**0.06**	**0.01**	**10.14**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Mashi MCM_Final_out	1973	0.00	0.09	0.12	0.00	0.00	0.00	117.56	747.01	276.83	80.91	11.08	0.00	1233.59
	1974	0.00	0.00	0.00	0.00	0.00	0.00	817.98	202.38	62.18	76.68	8.99	0.11	1168.33
	1975	0.00	0.00	0.00	0.00	0.00	0.00	675.76	306.68	595.12	252.49	48.96	7.63	1886.64
	1976	0.00	0.00	0.00	0.00	0.00	0.00	108.07	187.03	82.12	28.79	3.43	0.00	409.45
	1977	0.05	0.00	0.00	0.00	0.00	16.74	484.79	424.26	351.73	95.49	13.40	0.06	1386.52
	1978	0.00	0.28	0.00	0.00	0.00	2.16	180.69	106.36	60.55	3.92	0.00	0.00	353.95
	1979	0.00	0.00	0.00	0.00	0.00	0.00	168.07	108.74	0.02	0.00	0.00	0.00	276.83
	1980	0.00	0.00	0.00	0.00	0.00	0.00	22.36	359.17	2.36	0.00	0.00	0.00	383.90
	1981	0.00	0.00	0.00	0.00	0.00	0.00	1064.13	125.62	16.44	4.01	0.00	0.00	1210.20
	1982	0.00	0.00	0.00	0.01	0.00	0.00	10.02	163.41	31.16	4.79	0.00	0.00	209.37
	1983	0.00	0.00	0.00	11.30	0.02	0.00	436.04	318.73	87.14	16.04	0.82	0.00	870.09
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.01	61.82	0.47	0.00	0.00	82.29
	1985	0.00	0.00	0.00	0.00	0.00	0.00	77.17	241.11	3.15	28.23	0.00	0.00	349.65
	1986	0.00	0.00	0.00	0.00	6.58	7.06	59.41	54.99	0.15	0.00	0.00	0.00	128.19
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.95	1.59	0.02	0.00	0.00	0.00	2.55
	1988	0.00	0.00	0.00	0.00	0.00	0.00	3.49	53.89	16.59	2.50	0.00	0.00	76.47
	1989	2.34	0.00	0.00	0.00	0.00	0.82	30.43	152.05	32.84	0.00	0.00	0.00	218.47
	1990	0.00	0.17	0.78	0.00	0.00	0.02	60.02	1.77	12.28	8.14	0.00	0.00	83.19
	1991	0.00	0.00	0.00	0.00	0.00	0.00	9.09	68.51	85.38	0.00	0.00	0.00	162.98
	1992	0.00	0.00	0.00	0.00	0.00	0.00	151.25	248.69	188.39	1.63	0.00	0.00	589.96
	1993	0.00	0.00	0.00	0.00	0.00	5.66	178.25	34.79	0.15	0.00	0.00	0.00	218.86
	1994	2.51	0.00	0.00	0.00	0.00	0.01	106.28	126.53	34.91	0.00	0.00	0.00	270.24
	1995	0.00	0.00	0.00	0.00	0.00	0.00	70.47	585.77	116.07	0.15	0.00	0.00	772.45
	1996	0.00	0.00	0.00	0.00	0.00	173.17	112.20	382.21	128.49	0.59	0.00	0.00	796.65
	1997	0.00	0.00	0.00	0.00	0.00	0.75	56.92	164.86	57.52	16.09	1.22	0.00	297.35
	1998	0.00	0.00	0.00	0.00	0.00	0.00	259.67	22.47	42.79	2.87	0.00	0.00	327.81
	1999	0.00	0.00	0.00	0.00	0.00	0.00	51.10	74.46	1.21	3.08	0.00	0.00	129.85
	2000	0.00	0.00	0.00	0.00	0.00	0.00	26.95	4.16	1.66	0.00	0.00	0.00	32.76
	2001	0.00	0.00	0.00	0.00	0.01	0.00	46.12	7.63	0.00	0.00	0.00	0.00	53.77
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	75.37	28.39	3.68	0.00	0.00	0.00	107.44
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	399.35	53.55	33.53	0.02	0.00	486.45
	2005	0.00	0.00	0.00	0.00	0.00	0.00	43.50	1.42	34.53	8.92	0.00	0.00	88.36
	2006	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.77	0.00	0.00	0.00	0.00	1.97
	2007	0.00	0.00	0.00	0.00	0.00	0.01	0.12	4.70	16.26	0.00	0.00	0.00	21.09
	2008	0.00	0.00	0.00	0.00	0.00	3.30	101.91	47.35	3.16	0.00	0.00	0.00	155.72
	2009	0.00	0.00	0.00	0.00	0.00	0.00	32.06	6.59	0.68	0.00	0.00	0.00	39.34
	2010	0.00	0.00	0.00	0.00	0.00	0.00	32.68	483.18	118.64	1.67	6.68	1.66	644.51
	% flow	**0.03**	**0.00**	**0.01**	**0.07**	**0.04**	**1.35**	**36.53**	**40.36**	**16.61**	**4.32**	**0.61**	**0.06**	
Mean		**0.13**	**0.01**	**0.02**	**0.30**	**0.17**	**5.52**	**149.26**	**164.91**	**67.88**	**17.66**	**2.49**	**0.25**	**408.61**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Mata Ji Ka Khera	1973	0.00	0.00	0.00	0.00	0.00	0.24	4.35	7.43	11.16	0.00	0.00	0.00	23.19
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.12	0.02	0.00	0.00	1.47
	1975	0.00	0.00	0.00	0.00	0.00	1.36	1.86	2.89	1.74	0.00	0.00	0.00	7.86
	1976	0.00	0.00	0.00	0.00	0.00	0.00	1.94	6.02	1.37	0.00	0.00	0.00	9.33
	1977	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.04	0.00	0.00	0.00	0.00	0.74
	1978	0.00	0.00	0.00	0.00	0.00	0.00	1.43	1.00	0.23	0.00	0.00	0.00	2.65
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.76	1.52	0.00	0.00	0.00	0.00	2.28
	1980	0.00	0.00	0.00	0.00	0.00	1.95	2.56	0.55	0.00	0.00	0.00	0.00	5.05
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.52	1.06	0.04	0.01	0.00	1.90
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.74	4.15	0.00	0.00	0.99	0.00	5.88
	1983	0.00	0.00	0.00	0.00	0.00	0.70	9.75	0.92	2.83	0.00	0.00	0.00	14.20
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.42	1.83	0.01	0.00	0.00	0.00	2.25
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	0.00	0.02	0.00	0.00	2.31
	1986	0.00	0.00	0.00	0.00	0.00	0.00	4.32	1.61	0.00	0.00	0.00	0.00	5.94
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02
	1988	0.00	0.00	0.00	0.00	0.00	0.00	3.76	2.38	0.15	0.00	0.00	0.00	6.29
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.31
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.29	3.62	0.93	0.03	0.00	0.00	4.88
	1991	0.00	0.00	0.00	0.00	0.00	0.00	3.28	0.92	0.04	0.00	0.00	0.00	4.23
	1992	0.00	0.00	0.00	0.00	0.00	0.00	2.22	1.20	0.08	0.00	0.00	0.00	3.49
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.35
	1994	0.00	0.00	0.00	0.00	0.00	0.84	0.72	0.09	0.44	0.00	0.00	0.00	2.09
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.72	0.00	0.00	0.00	0.00	1.55
	1996	0.00	0.00	0.00	0.00	0.00	0.02	5.00	2.28	1.62	0.00	0.00	0.00	8.91
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.52	2.17	0.48	0.00	0.00	0.00	3.17
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.23	2.05	0.01	0.00	0.00	2.34
	1999	0.00	0.00	0.00	0.00	0.00	0.49	0.08	0.52	0.00	0.00	0.00	0.00	1.09
	2000	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	1.68
	2001	0.00	0.00	0.00	0.00	0.00	0.75	5.62	0.14	0.00	0.00	0.00	0.00	6.51
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.07	0.00	0.00	0.00	0.60
	2003	0.00	0.00	0.00	0.00	0.00	0.00	4.51	0.25	0.05	0.00	0.00	0.00	4.81
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.34	5.64	0.02	0.02	0.00	0.00	6.01
	2005	0.00	0.00	0.00	0.00	0.00	0.00	1.31	2.57	1.56	0.01	0.00	0.00	5.44
	2006	0.00	0.00	0.00	0.00	0.00	0.00	2.15	20.39	0.05	0.00	0.00	0.00	22.59
	2007	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.77	2.18	0.00	0.00	0.00	11.35
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.27	0.00	0.00	0.00	0.31
	2009	0.00	0.00	0.00	0.00	0.00	0.00	3.72	1.81	0.30	0.00	0.00	0.00	5.83
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.17	2.20	0.57	0.00	0.00	0.00	3.94
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.29**	**39.08**	**41.79**	**15.24**	**0.08**	**0.52**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.17**	**1.98**	**2.12**	**0.77**	**0.00**	**0.03**	**0.00**	**5.07**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Matrikundia MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.47	116.43	587.37	512.96	15.19	0.00	0.00	1232.42
	1974	0.00	0.00	0.00	0.00	0.00	0.10	9.99	21.61	0.40	11.37	0.15	0.00	43.62
	1975	0.00	0.00	0.00	0.00	0.00	15.11	119.91	136.84	131.96	36.56	1.23	0.00	441.60
	1976	1.02	3.16	0.00	0.00	0.00	0.02	37.15	149.46	94.12	0.00	4.11	0.01	289.03
	1977	0.00	0.00	0.00	0.00	0.56	1.77	79.55	37.69	20.77	0.00	0.00	0.00	140.32
	1978	0.00	0.11	0.48	0.00	0.00	0.01	148.38	84.00	27.09	20.51	1.83	2.29	284.68
	1979	0.00	2.32	0.00	0.00	0.07	0.04	150.69	109.36	0.23	0.00	12.63	0.39	275.72
	1980	0.00	0.00	0.00	0.00	0.00	20.86	95.67	12.14	3.60	0.00	0.00	1.09	133.36
	1981	0.04	0.00	0.00	0.00	0.00	10.91	31.02	76.47	16.81	1.46	30.28	0.00	166.98
	1982	0.04	0.00	0.00	0.00	0.03	0.00	5.27	208.78	4.96	0.00	65.29	0.18	284.55
	1983	0.00	0.00	0.00	0.22	0.00	31.08	157.14	105.05	49.72	0.99	0.00	0.00	344.19
	1984	0.00	0.00	0.00	0.00	0.00	0.60	50.30	61.52	5.97	0.69	0.00	0.00	119.08
	1985	0.00	0.00	0.00	0.00	0.00	0.02	31.34	226.51	0.20	26.19	0.00	0.00	284.26
	1986	0.00	0.00	0.00	0.00	0.00	0.03	47.11	99.29	1.07	0.00	0.00	0.00	147.50
	1987	0.00	0.00	0.00	0.00	0.00	0.00	1.22	4.69	0.31	0.00	0.00	6.53	12.75
	1988	0.00	0.00	0.00	0.00	0.00	1.63	127.60	106.65	39.30	5.13	0.00	0.00	280.31
	1989	0.00	0.00	0.00	0.00	0.00	22.14	17.03	107.14	26.02	0.80	0.00	0.00	173.13
	1990	0.00	0.00	0.00	0.00	0.00	0.56	32.28	128.14	92.41	4.62	0.00	0.00	257.99
	1991	0.00	0.00	0.00	0.11	0.00	0.00	160.84	47.52	18.43	0.00	0.00	0.00	226.89
	1992	0.00	0.00	0.00	0.00	0.01	0.00	177.10	161.05	127.32	4.98	0.00	0.00	470.45
	1993	0.00	0.00	0.00	0.00	0.00	2.43	160.97	4.25	11.10	2.24	0.01	0.00	181.00
	1994	0.14	0.00	0.00	0.00	0.00	14.73	110.19	166.52	82.53	0.15	0.00	0.00	374.25
	1995	0.44	0.00	0.00	0.00	0.00	0.00	136.20	86.83	23.85	1.74	0.00	0.00	249.06
	1996	0.00	0.00	0.00	0.00	0.00	3.03	106.92	118.17	48.94	0.30	0.00	0.00	277.36
	1997	0.00	0.00	0.00	0.00	1.84	5.87	17.37	68.67	72.19	0.62	0.00	0.00	166.56
	1998	0.00	0.00	0.00	0.00	0.00	1.74	51.43	12.12	51.32	62.43	0.16	0.00	179.19
	1999	0.00	0.01	0.00	0.00	0.87	4.28	18.42	35.97	3.42	3.40	0.00	0.00	66.38
	2000	0.00	0.00	0.00	0.00	0.00	0.07	23.28	23.42	2.56	0.00	0.00	0.00	49.33
	2001	0.00	0.00	0.00	0.00	0.02	37.07	240.36	125.05	0.30	11.42	0.00	0.00	414.21
	2002	0.00	0.00	0.00	0.00	0.00	0.70	0.49	13.84	13.31	0.00	0.00	0.00	28.33
	2003	0.00	0.04	0.00	0.00	0.00	0.22	67.71	60.00	40.64	2.25	0.00	0.00	170.86
	2004	0.00	0.00	0.00	0.00	0.00	0.07	4.67	73.71	7.29	10.34	0.00	0.00	96.09
	2005	0.00	0.00	0.00	0.00	0.00	0.01	43.42	278.29	320.63	15.27	0.00	0.00	657.62
	2006	0.00	0.00	0.00	0.00	0.00	14.68	80.83	937.44	48.70	9.38	0.00	0.00	1091.04
	2007	0.00	0.00	0.00	0.00	0.00	2.44	259.40	32.60	33.77	0.00	0.00	0.00	328.21
	2008	0.00	0.00	0.00	0.00	0.00	0.00	4.12	62.14	24.76	0.04	0.00	0.00	91.06
	2009	0.00	0.00	0.00	0.00	0.00	6.62	127.76	17.09	1.18	0.00	0.00	0.00	152.65
	2010	0.00	0.00	0.00	0.00	0.00	0.00	73.84	272.13	78.85	0.00	89.66	4.30	518.78
	% flow	**0.02**	**0.05**	**0.00**	**0.00**	**0.03**	**1.86**	**29.19**	**45.41**	**19.05**	**2.32**	**1.92**	**0.14**	
Mean		**0.04**	**0.15**	**0.01**	**0.01**	**0.09**	**5.24**	**82.19**	**127.88**	**53.66**	**6.53**	**5.40**	**0.39**	**281.60**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Meja	1973	0.00	0.00	0.00	0.00	0.00	0.01	14.16	227.77	16.17	0.00	0.00	0.00	258.11
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.00	0.00	0.00	0.06
	1975	0.00	0.00	0.00	0.00	0.00	0.00	103.92	13.76	40.05	0.38	0.00	0.00	158.11
	1976	0.00	0.00	0.00	0.00	0.00	0.00	74.38	165.20	31.39	0.00	0.00	0.00	270.97
	1977	0.00	0.00	0.00	0.00	0.00	0.01	24.32	6.84	0.00	0.00	0.00	0.00	31.16
	1978	0.00	0.00	0.00	0.00	0.00	0.00	105.69	12.81	15.66	13.79	0.00	0.00	147.95
	1979	0.00	0.00	0.00	0.00	0.00	0.00	84.45	37.42	0.00	0.00	4.33	0.29	126.48
	1980	0.00	0.00	0.00	0.00	0.00	0.03	1.44	0.19	0.00	0.00	0.00	0.00	1.66
	1981	0.00	0.00	0.00	0.00	0.00	0.00	12.58	5.68	0.07	0.00	0.00	0.00	18.34
	1982	0.00	0.00	0.00	0.00	0.21	0.64	9.79	11.72	0.64	0.00	0.00	0.00	23.00
	1983	0.00	0.00	0.00	0.00	0.00	0.00	112.49	157.95	2.96	0.00	0.00	0.00	273.40
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.35	13.09	0.00	0.00	0.00	16.44
	1985	0.00	0.00	0.00	0.00	1.22	5.47	3.23	0.80	0.00	0.00	0.00	0.00	10.72
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1989	0.00	0.00	0.00	0.00	0.00	0.00	4.59	9.43	2.79	0.00	0.00	0.00	16.81
	1990	0.00	0.00	0.00	0.00	0.00	0.00	28.34	33.86	13.46	0.00	0.00	0.00	75.66
	1991	0.00	0.00	0.00	0.00	0.00	0.00	8.43	11.09	1.04	0.00	0.00	0.00	20.56
	1992	0.00	0.00	0.00	0.00	0.00	0.00	2.85	26.89	13.04	0.00	0.00	0.00	42.78
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1994	0.00	0.00	0.00	0.00	0.00	0.00	21.33	12.17	0.51	0.00	0.00	0.00	34.02
	1995	0.00	0.00	0.00	0.00	0.00	0.00	109.55	37.95	0.23	0.00	0.00	0.00	147.73
	1996	0.00	0.00	0.00	0.00	0.00	0.00	8.89	44.89	8.80	0.00	0.00	0.00	62.58
	1997	0.00	0.00	0.00	0.00	0.00	0.22	1.02	117.82	23.87	2.30	0.00	0.00	145.23
	1998	0.00	0.00	0.00	0.00	0.00	0.00	10.57	0.01	65.19	41.54	0.40	0.00	117.71
	1999	0.00	0.00	0.00	0.00	0.00	0.00	9.42	43.02	0.00	0.00	0.00	0.00	52.44
	2000	0.00	0.00	0.00	0.00	0.00	0.00	87.58	6.36	0.01	0.00	0.00	0.00	93.95
	2001	0.00	0.00	0.00	0.00	0.00	2.96	66.16	66.85	0.32	0.00	0.00	0.00	136.29
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.81	0.21	0.00	0.00	0.00	3.03
	2003	0.00	0.00	0.00	0.00	0.00	2.85	26.31	0.15	0.00	0.00	0.00	0.00	29.31
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.01	41.25	1.22	0.00	0.00	0.00	42.48
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.76	3.04	17.30	2.04	0.00	0.00	23.14
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.43	2.07	0.00	0.00	0.00	70.50
	2007	0.00	0.00	0.00	0.00	0.00	0.00	25.39	0.00	0.90	0.00	0.00	0.00	26.28
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2009	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.01	0.00	0.00	0.00	0.00	1.17
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.06**	**0.49**	**38.69**	**47.19**	**10.94**	**2.42**	**0.19**	**0.01**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.04**	**0.32**	**25.23**	**30.78**	**7.13**	**1.58**	**0.12**	**0.01**	**65.21**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Mora Sagar	1973	0.00	0.00	0.00	0.00	0.00	0.00	2.37	20.78	14.20	2.05	0.18	0.02	39.60
	1974	0.00	0.00	0.00	0.00	0.00	0.25	23.12	7.20	0.74	2.80	0.41	0.05	34.56
	1975	0.00	0.00	0.00	0.00	0.00	0.11	30.83	34.79	16.41	2.95	0.25	0.03	85.36
	1976	0.00	0.00	0.00	0.00	0.00	0.44	12.59	28.42	6.37	0.02	0.00	0.00	47.83
	1977	0.02	0.05	0.03	0.00	0.00	0.40	10.41	6.30	7.06	0.26	0.00	0.01	24.54
	1978	0.01	0.00	0.00	0.00	0.00	0.14	10.24	20.63	18.84	0.05	0.00	0.00	49.91
	1979	0.00	0.00	0.00	0.00	0.00	0.15	5.57	0.89	0.06	0.01	0.00	0.00	6.67
	1980	0.00	0.00	0.00	0.00	0.00	0.86	5.72	5.89	0.33	0.00	0.00	0.00	12.81
	1981	0.00	0.00	0.00	0.00	0.00	0.18	58.36	3.61	0.02	0.00	0.00	0.00	62.17
	1982	0.00	0.00	0.00	0.00	0.00	0.65	10.08	19.77	0.88	0.01	0.00	0.00	31.39
	1983	0.01	0.01	0.00	0.35	0.35	0.29	11.22	6.76	5.37	0.46	0.01	0.00	24.82
	1984	0.00	0.00	0.00	0.00	0.00	0.64	1.98	2.79	4.26	0.02	0.00	0.00	9.69
	1985	0.06	0.01	0.00	0.00	0.00	0.10	7.87	8.47	0.08	0.56	0.01	0.22	17.36
	1986	0.02	0.00	0.00	0.00	0.00	0.08	2.40	2.64	0.17	0.05	0.00	0.00	5.36
	1987	0.00	0.00	0.00	0.00	0.00	0.00	1.50	1.69	0.57	0.00	0.00	0.00	3.75
	1988	0.00	0.00	0.00	0.00	0.00	1.41	21.46	6.34	0.12	0.00	0.00	0.00	29.33
	1989	0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.01	0.25	0.00	0.00	0.00	2.66
	1990	0.00	0.00	0.00	0.00	0.00	0.03	2.82	0.01	0.00	0.00	0.00	0.00	2.86
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1.48	8.33	3.12	0.01	0.00	0.00	12.94
	1992	0.00	0.00	0.00	0.00	0.00	0.10	13.75	11.27	4.55	0.03	0.00	0.00	29.71
	1993	0.00	0.00	0.00	0.00	0.00	0.29	3.84	3.09	0.86	0.04	0.00	0.00	8.13
	1994	0.00	0.00	0.00	0.00	0.00	0.01	11.47	7.50	1.62	0.01	0.00	0.00	20.61
	1995	0.00	0.00	0.00	0.00	0.00	0.04	17.53	70.23	7.49	0.03	0.00	0.00	95.32
	1996	0.00	0.00	0.00	0.00	0.00	0.00	1.78	8.46	4.50	0.03	0.00	0.00	14.77
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.82	1.04	0.04	0.00	0.00	1.91
	1998	0.00	0.00	0.00	0.00	0.00	0.13	10.94	5.51	5.95	0.39	0.00	0.00	22.91
	1999	0.00	0.00	0.00	0.00	0.00	0.14	3.28	6.88	2.07	0.01	0.00	0.00	12.38
	2000	0.00	0.00	0.00	0.00	0.00	0.01	7.33	0.82	0.32	0.00	0.00	0.00	8.49
	2001	0.00	0.00	0.00	0.00	0.00	0.14	0.74	0.88	0.07	0.00	0.00	0.00	1.82
	2002	0.00	0.00	0.00	0.00	0.00	0.25	0.33	0.19	0.22	0.00	0.00	0.00	0.99
	2003	0.00	0.00	0.00	0.00	0.00	0.34	8.07	2.46	0.44	0.00	0.00	0.00	11.32
	2004	0.00	0.00	0.00	0.00	0.00	0.03	0.37	8.16	1.03	0.04	0.00	0.00	9.63
	2005	0.00	0.00	0.00	0.00	0.00	0.00	9.93	1.71	0.29	0.07	0.00	0.00	12.00
	2006	0.00	0.00	0.00	0.00	0.00	0.07	4.89	1.62	0.87	0.00	0.00	0.00	7.45
	2007	0.00	0.00	0.00	0.00	0.00	0.14	1.70	3.79	2.05	0.03	0.00	0.00	7.70
	2008	0.00	0.00	0.00	0.00	0.00	0.30	2.51	0.95	0.95	0.05	0.00	0.00	4.77
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.26	6.05	0.64	0.01	0.00	0.00	6.96
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.64	5.66	1.47	0.03	0.00	0.00	7.80
	% flow	**0.02**	**0.01**	**0.00**	**0.04**	**0.04**	**0.98**	**40.69**	**42.16**	**14.62**	**1.28**	**0.11**	**0.04**	
Mean		**0.00**	**0.00**	**0.00**	**0.01**	**0.01**	**0.20**	**8.44**	**8.75**	**3.03**	**0.27**	**0.02**	**0.01**	**20.74**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Morel Bund	1973	0.00	0.00	0.00	0.00	0.00	0.00	226.89	615.50	287.71	29.41	1.66	0.00	1161.17
	1974	0.00	0.00	0.00	0.00	0.00	0.01	733.08	419.44	23.85	3.34	0.00	0.00	1179.72
	1975	0.00	0.00	0.00	0.00	0.00	0.00	482.38	597.28	525.66	176.72	10.26	0.37	1792.68
	1976	0.00	0.14	0.00	0.00	0.00	7.62	121.25	80.49	241.91	18.52	4.64	0.04	474.61
	1977	0.00	0.00	0.00	0.00	0.00	7.59	194.05	91.90	9.92	0.00	0.00	0.00	303.46
	1978	0.00	0.00	0.00	0.00	0.00	111.09	540.23	310.16	81.03	0.00	0.00	0.00	1042.51
	1979	0.00	4.24	0.10	0.00	0.05	0.01	81.45	94.47	0.01	0.00	0.00	0.00	180.33
	1980	0.00	0.00	0.00	0.00	0.00	0.01	168.79	25.21	0.00	0.00	0.00	0.01	194.03
	1981	0.00	0.00	0.03	0.00	0.00	0.01	2401.72	184.14	2.91	0.78	0.00	0.00	2589.59
	1982	0.05	0.00	0.00	0.01	0.01	0.05	83.59	149.35	14.28	21.22	35.02	0.18	303.75
	1983	0.17	0.00	0.00	10.79	2.09	0.06	323.55	223.16	51.22	0.44	0.00	0.00	611.47
	1984	0.00	0.00	0.00	0.00	0.00	0.00	38.25	205.41	80.72	0.06	0.00	0.00	324.43
	1985	0.00	0.00	0.00	4.83	0.00	0.00	156.20	275.34	3.52	18.84	0.00	0.00	458.74
	1986	0.00	2.28	0.00	0.00	0.23	0.19	60.91	44.62	8.73	6.54	0.00	0.00	123.50
	1987	0.02	0.00	0.00	0.00	0.68	0.00	0.75	3.17	4.81	0.00	0.00	0.04	9.47
	1988	0.00	0.00	0.00	0.00	0.00	0.01	55.26	96.61	25.81	3.03	0.00	0.00	180.71
	1989	0.33	0.00	0.00	0.00	0.00	0.00	24.02	97.25	16.85	0.00	0.00	0.00	138.45
	1990	0.00	0.29	2.51	0.00	0.00	0.10	118.31	72.96	32.12	1.86	0.22	0.00	228.36
	1991	0.00	0.00	0.00	0.00	0.00	0.00	2.86	56.30	62.42	0.00	0.00	0.21	121.78
	1992	0.06	0.49	0.00	0.00	0.02	0.00	140.64	227.99	235.02	1.63	0.00	0.00	605.84
	1993	0.00	1.67	1.70	0.00	0.00	11.72	232.59	172.44	10.02	0.00	0.00	0.00	430.15
	1994	0.76	0.00	0.00	0.02	0.00	4.04	65.03	236.26	9.28	0.00	0.00	0.00	315.40
	1995	2.42	0.00	0.00	0.00	0.00	0.00	172.09	620.32	67.52	0.02	0.00	0.00	862.37
	1996	0.00	0.00	0.00	0.00	0.00	54.54	62.03	174.26	487.30	11.84	0.00	0.00	789.96
	1997	0.00	0.00	0.00	0.00	0.00	0.00	11.76	63.80	47.75	47.78	0.63	0.02	171.74
	1998	0.00	0.00	0.45	0.00	0.00	0.00	316.86	147.55	150.26	22.47	0.00	0.00	637.58
	1999	0.00	0.00	0.00	0.00	0.00	0.64	61.60	170.64	0.33	1.89	0.00	0.00	235.10
	2000	0.00	0.00	0.00	0.00	0.00	0.00	46.10	72.80	2.20	0.00	0.00	0.00	121.10
	2001	0.00	0.00	0.00	0.00	0.26	0.11	46.12	12.30	0.01	0.00	0.00	0.00	58.80
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.05	0.00	0.00	0.00	5.57
	2003	0.00	0.00	0.00	0.00	0.00	0.89	224.56	19.80	13.70	0.03	0.00	0.00	258.97
	2004	0.00	0.00	0.00	0.00	0.00	0.05	0.00	68.92	1.34	10.24	0.00	0.00	80.54
	2005	0.00	0.00	0.00	0.00	0.00	71.85	17.47	1.47	81.34	24.44	0.00	0.00	196.57
	2006	0.00	0.00	0.00	0.00	0.00	0.01	9.00	197.13	104.48	1.20	0.00	0.00	311.82
	2007	0.00	4.19	0.01	0.00	0.00	0.01	0.19	187.46	108.09	1.15	0.00	0.00	301.08
	2008	0.00	0.00	0.00	0.01	0.00	38.05	11.13	23.75	45.57	2.50	0.00	0.00	121.01
	2009	0.00	0.00	0.00	0.00	0.00	0.00	47.78	10.07	0.19	0.00	0.00	0.00	58.05
	2010	0.00	0.00	0.00	0.00	0.00	0.00	85.52	456.40	231.05	6.12	11.68	3.54	794.32
	% flow	**0.02**	**0.07**	**0.03**	**0.09**	**0.02**	**1.74**	**41.43**	**36.63**	**17.27**	**2.32**	**0.36**	**0.02**	
Mean		**0.10**	**0.35**	**0.13**	**0.41**	**0.09**	**8.12**	**193.79**	**171.36**	**80.76**	**10.84**	**1.69**	**0.12**	**467.76**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Moti Sagar Bund	1973	0.07	0.01	0.00	0.00	0.00	0.00	6.01	52.98	29.06	7.54	1.40	0.18	97.25
	1974	0.00	0.00	0.00	0.00	0.00	0.00	20.57	36.69	20.09	4.09	0.83	0.04	82.30
	1975	0.00	0.00	0.00	0.00	0.00	0.58	10.50	24.47	21.80	9.26	1.85	0.28	68.73
	1976	0.00	0.00	0.00	0.00	0.00	0.16	7.71	65.46	39.09	11.82	2.34	0.45	127.03
	1977	0.00	0.00	0.00	0.00	0.00	0.60	27.29	21.80	18.17	3.11	0.49	0.01	71.46
	1978	0.00	0.00	0.00	0.00	0.00	0.00	11.38	5.49	6.79	1.12	0.05	0.00	24.84
	1979	0.00	0.00	0.00	0.00	0.00	0.01	26.04	15.87	4.11	0.49	0.00	0.00	46.52
	1980	0.00	0.00	0.00	0.00	0.00	3.08	7.15	14.95	4.89	0.61	0.00	0.00	30.68
	1981	0.00	0.00	0.00	0.00	0.00	0.00	34.44	8.73	4.46	0.57	0.00	0.00	48.20
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.07	4.96	1.05	0.00	0.00	0.00	6.08
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.65	40.52	7.12	6.76	1.44	0.17	56.65
	1984	0.00	0.00	0.00	0.00	0.00	0.00	16.35	30.43	1.04	0.17	0.00	0.00	47.99
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.40	0.09	1.42	0.00	0.00	5.90
	1986	0.00	0.00	0.00	0.00	0.00	0.00	2.88	2.64	0.00	0.00	0.00	0.00	5.52
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1.27	0.00	0.00	0.00	2.45
	1988	0.00	0.00	0.00	0.00	0.00	0.18	18.90	10.36	2.86	0.12	0.00	0.00	32.42
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.04	12.95	1.98	0.00	0.00	0.00	14.96
	1990	0.00	0.00	0.00	0.00	0.00	0.00	8.82	18.37	0.63	0.01	0.00	0.00	27.83
	1991	0.00	0.00	0.00	0.00	0.00	0.00	26.57	13.67	9.11	1.00	0.28	0.00	50.62
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.04	37.18	9.22	2.23	0.29	0.00	48.96
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.44	8.50	0.43	0.00	0.00	0.00	9.37
	1994	0.00	0.00	0.00	0.00	0.00	0.00	6.63	22.10	0.54	0.00	0.00	0.00	29.27
	1995	0.00	0.00	0.00	0.00	0.00	0.00	11.45	26.74	18.02	3.60	0.62	0.07	60.50
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3.97	8.05	3.48	3.34	0.43	0.00	19.26
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.53	2.27	0.33	0.00	0.00	0.00	3.13
	1998	0.00	0.00	0.00	0.00	0.00	0.11	29.57	3.52	3.05	0.74	0.00	0.00	36.99
	1999	0.00	0.00	0.00	0.00	0.00	0.53	1.08	17.18	0.11	0.00	0.00	0.00	18.89
	2000	0.00	0.00	0.00	0.00	0.00	0.00	16.64	6.14	2.32	0.01	0.00	0.00	25.11
	2001	0.00	0.00	0.00	0.00	0.00	0.00	11.70	0.07	0.00	0.00	0.00	0.00	11.77
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.25
	2003	0.00	0.00	0.00	0.00	0.00	0.00	21.13	10.10	7.97	0.35	0.00	0.00	39.55
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.19	9.84	2.85	0.00	0.00	0.00	12.88
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.23	3.64	0.91	0.01	0.00	0.00	4.79
	2006	0.00	0.00	0.00	0.00	0.00	0.00	4.76	7.50	0.39	0.00	0.00	0.00	12.65
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.23	6.88	0.01	0.00	0.00	0.00	7.12
	2008	0.00	0.00	0.00	0.00	0.00	1.09	2.78	1.29	0.04	0.00	0.00	0.00	5.20
	2009	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.26	0.16	0.00	0.00	0.00	2.14
	2010	0.00	0.00	0.00	0.00	0.00	0.00	2.49	10.29	4.36	0.02	0.00	0.00	17.16
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.52**	**28.12**	**46.82**	**18.79**	**4.82**	**0.83**	**0.10**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.17**	**8.97**	**14.94**	**5.99**	**1.54**	**0.26**	**0.03**	**31.91**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Murlia	1973	0.00	0.00	0.00	0.00	0.00	1.75	25.28	45.40	96.50	12.08	3.31	0.60	184.92
	1974	0.00	0.00	0.00	0.00	0.00	0.00	2.57	14.51	0.51	1.75	0.00	0.00	19.34
	1975	0.00	0.00	0.00	0.00	0.00	0.00	8.23	6.57	8.36	0.08	0.00	0.00	23.24
	1976	0.00	0.00	0.00	0.00	0.00	0.00	1.69	8.37	9.89	0.00	9.30	1.22	30.46
	1977	0.00	0.00	0.00	0.00	0.00	0.00	13.07	5.76	3.50	0.00	0.00	0.00	22.33
	1978	0.00	0.00	0.00	0.00	0.00	0.14	9.66	14.62	6.42	0.00	0.00	0.00	30.85
	1979	0.00	0.00	0.00	0.00	0.00	0.00	4.92	14.32	0.01	0.00	3.14	0.31	22.69
	1980	0.00	0.00	0.00	0.00	0.00	6.86	7.06	6.57	8.33	0.00	0.00	0.00	28.81
	1981	0.00	0.00	0.00	0.00	0.00	0.82	0.44	6.72	2.55	0.05	0.00	0.00	10.58
	1982	0.00	0.00	0.00	0.00	0.00	0.90	1.95	23.80	0.53	0.00	0.92	0.00	28.09
	1983	0.00	0.00	0.00	0.00	0.00	0.64	11.13	5.05	18.11	1.42	0.00	0.00	36.34
	1984	0.00	0.00	0.00	0.00	0.00	0.00	8.67	29.17	3.36	0.00	0.00	0.00	41.20
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.23	13.14	0.07	0.47	0.00	0.00	13.91
	1986	0.00	0.00	0.00	0.00	0.00	0.00	27.86	14.51	0.06	0.00	0.00	0.00	42.42
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.01	12.02	0.00	0.00	0.00	32.03
	1988	0.00	0.00	0.00	0.00	0.00	0.01	2.26	2.44	0.19	0.00	0.00	0.00	4.90
	1989	0.00	0.00	0.00	0.00	0.00	0.00	3.20	37.31	4.31	0.00	0.00	0.00	44.81
	1990	0.00	0.00	0.00	0.00	0.00	0.07	5.38	27.45	6.97	0.01	0.00	0.00	39.88
	1991	0.00	0.00	0.00	0.01	0.00	0.01	15.95	13.88	3.05	0.00	0.00	0.00	32.91
	1992	0.00	0.00	0.00	0.00	0.00	0.00	36.13	37.23	3.35	0.00	0.00	0.00	76.72
	1993	0.00	0.00	0.00	0.00	0.00	0.00	15.16	2.11	2.85	0.01	0.00	0.00	20.13
	1994	0.00	0.00	0.00	0.00	0.00	0.82	9.92	4.67	8.57	0.01	0.00	0.00	23.99
	1995	0.20	0.00	0.00	0.00	0.00	0.00	5.97	1.79	0.57	0.00	0.00	0.00	8.53
	1996	0.00	0.00	0.00	0.00	0.00	0.00	14.11	18.98	11.17	0.02	0.00	0.00	44.27
	1997	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.85	3.20	0.01	0.00	0.00	9.05
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.35	1.21	0.10	0.00	0.00	8.66
	1999	0.00	0.00	0.00	0.00	0.00	0.79	9.42	6.15	0.04	0.00	0.00	0.00	16.40
	2000	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.78	0.17	0.00	0.00	0.00	10.25
	2001	0.00	0.00	0.00	0.00	0.00	0.55	23.66	1.21	0.01	0.00	0.00	0.00	25.42
	2002	0.00	0.00	0.00	0.00	0.00	0.27	0.06	3.04	0.41	0.00	0.00	0.00	3.77
	2003	0.00	0.00	0.00	0.00	0.00	1.38	0.47	9.97	14.46	0.30	0.00	0.00	26.58
	2004	0.00	0.00	0.00	0.00	0.00	0.06	1.30	28.47	0.64	0.17	0.00	0.00	30.64
	2005	0.00	0.00	0.00	0.00	0.00	0.48	1.94	9.31	9.84	0.34	0.00	0.00	21.90
	2006	0.00	0.00	0.00	0.00	0.00	1.90	10.85	53.46	4.82	0.00	0.00	0.00	71.02
	2007	0.00	0.00	0.00	0.00	0.00	1.92	20.67	0.62	0.25	0.00	0.00	0.00	23.45
	2008	0.00	0.00	0.00	0.00	0.00	0.85	5.22	15.56	1.59	0.05	0.00	0.00	23.27
	2009	0.00	0.00	0.00	0.00	0.00	0.00	8.54	3.18	1.03	0.00	0.00	0.00	12.75
	2010	0.00	0.00	0.00	0.00	0.00	0.00	8.88	22.23	0.81	0.00	0.00	0.00	31.92
	% flow	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**1.71**	**28.35**	**45.70**	**21.19**	**1.43**	**1.41**	**0.18**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.53**	**8.79**	**14.17**	**6.57**	**0.44**	**0.44**	**0.06**	**31.01**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Nahar Sagar	1973	0.00	0.00	0.00	0.00	0.00	0.00	25.72	67.68	49.40	2.05	0.00	0.00	144.85
	1974	0.00	0.00	0.00	0.00	0.00	0.57	19.55	14.12	0.73	0.00	0.00	0.00	34.97
	1975	0.00	0.00	0.00	0.00	0.00	0.00	4.92	24.27	15.97	0.09	0.00	0.00	45.26
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.47	34.21	0.19	0.00	0.00	95.88
	1977	0.00	0.00	0.00	0.00	0.00	0.92	33.21	21.56	1.87	0.00	0.00	0.00	57.57
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	1.16
	1979	0.00	0.00	0.00	0.00	0.00	0.00	14.98	12.04	0.00	0.00	0.00	0.00	27.02
	1980	0.00	0.00	0.00	0.00	0.00	0.07	7.67	22.13	0.58	0.00	0.00	0.00	30.46
	1981	0.00	0.00	0.00	0.00	0.00	0.03	2.15	0.45	0.93	0.32	0.00	0.00	3.89
	1982	0.00	0.00	0.00	0.00	0.00	0.00	2.90	36.83	1.15	0.00	0.00	0.00	40.88
	1983	0.00	0.00	0.00	0.00	0.00	0.00	9.63	47.19	7.91	0.00	0.00	0.00	64.73
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.41	6.81	0.00	0.00	0.00	17.22
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.11	18.13	0.15	0.00	0.00	0.00	18.40
	1986	0.00	0.00	0.00	0.00	0.00	0.00	18.17	46.63	1.09	0.00	0.00	0.00	65.90
	1987	0.00	0.00	0.00	0.00	0.00	2.23	0.00	0.99	3.40	0.00	0.00	0.00	6.62
	1988	0.00	0.00	0.00	0.00	0.00	0.80	5.85	0.72	0.06	0.00	0.00	0.00	7.43
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.75	25.98	2.25	0.00	0.00	0.00	28.98
	1990	0.00	0.00	0.00	0.00	0.00	0.28	34.20	53.27	2.17	0.00	0.00	0.00	89.93
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.54	2.38	0.51	0.00	0.00	0.00	3.43
	1992	0.00	0.00	0.00	0.00	0.00	0.00	1.66	39.16	11.70	0.07	0.00	0.00	52.59
	1993	0.00	0.00	0.00	0.00	0.00	0.00	95.16	1.66	0.00	0.00	0.00	0.00	96.82
	1994	0.00	0.00	0.00	0.00	0.00	0.00	6.83	15.97	1.78	0.00	0.00	0.00	24.57
	1995	0.00	0.00	0.00	0.00	0.00	0.00	15.12	8.58	8.88	0.00	0.00	0.00	32.58
	1996	0.00	0.00	0.00	0.00	0.00	0.00	37.55	52.93	16.13	0.06	0.00	0.00	106.66
	1997	0.00	0.00	0.00	0.00	0.00	0.00	1.08	45.37	34.24	0.36	0.00	0.00	81.05
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.34	62.23	10.44	0.00	0.00	73.21
	1999	0.00	0.00	0.00	0.00	0.00	0.00	3.02	5.18	0.00	0.00	0.00	0.00	8.20
	2000	0.00	0.00	0.00	0.00	0.00	0.00	62.89	13.39	0.06	0.00	0.00	0.00	76.34
	2001	0.00	0.00	0.00	0.00	0.00	0.08	172.14	31.20	0.63	0.00	0.00	0.00	204.05
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.43	0.12	0.00	0.00	0.00	3.55
	2003	0.00	0.00	0.00	0.00	0.00	0.58	7.34	59.62	8.61	0.00	0.00	0.00	76.15
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.05	307.48	17.11	7.91	0.00	0.00	332.55
	2005	0.00	0.00	0.00	0.00	0.00	0.00	6.02	7.43	44.17	8.00	0.00	0.00	65.61
	2006	0.00	0.00	0.00	0.00	0.00	0.00	53.65	85.79	13.61	0.00	0.00	0.00	153.05
	2007	0.00	0.00	0.00	0.00	0.00	0.00	74.65	50.19	48.44	0.15	0.00	0.00	173.44
	2008	0.00	0.00	0.00	0.00	0.00	33.33	5.41	12.44	7.41	0.41	0.00	0.00	59.00
	2009	0.00	0.00	0.00	0.00	0.00	0.01	26.66	5.28	22.10	0.04	0.00	0.00	54.10
	2010	0.00	0.00	0.00	0.00	0.00	0.00	2.16	45.19	25.22	0.04	0.00	0.00	72.61
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.54**	**29.71**	**49.67**	**17.89**	**1.19**	**0.00**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.02**	**19.79**	**33.08**	**11.92**	**0.79**	**0.00**	**0.00**	**66.60**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Nand Samand	1973	0.00	0.00	0.00	0.00	0.00	0.57	83.27	314.98	229.42	14.59	0.04	0.00	642.87
	1974	0.00	0.00	0.00	0.00	0.08	0.05	9.32	17.40	0.29	6.67	0.01	0.00	33.81
	1975	0.00	0.00	0.00	0.00	0.00	8.29	58.20	99.82	31.80	3.06	0.18	0.00	201.36
	1976	0.40	0.91	0.00	0.00	0.00	0.00	24.78	36.86	12.84	0.01	0.02	0.00	75.82
	1977	0.04	0.00	0.00	0.00	0.03	0.84	23.76	2.62	11.41	0.00	0.00	0.00	38.69
	1978	0.00	0.00	0.00	0.00	0.00	0.03	96.77	54.72	20.01	0.30	0.03	0.00	171.87
	1979	0.00	0.00	0.00	0.00	0.03	0.13	63.32	18.01	0.57	0.08	0.38	0.07	82.60
	1980	0.00	0.00	0.00	0.00	0.00	5.71	59.70	2.86	0.46	0.00	0.00	0.20	68.92
	1981	0.01	0.00	0.00	0.00	0.21	11.87	23.29	62.54	7.27	0.54	26.65	0.00	132.38
	1982	0.25	0.03	0.00	0.00	0.09	0.15	4.49	43.82	3.53	0.12	18.39	0.00	70.88
	1983	0.00	0.00	0.00	0.07	0.00	21.19	89.08	21.45	0.53	0.00	0.00	0.00	132.32
	1984	0.00	0.00	0.00	0.00	0.00	0.36	45.77	50.09	5.33	0.92	0.00	0.00	102.47
	1985	0.00	0.00	0.00	0.00	0.00	0.00	31.87	187.73	0.14	22.11	0.00	0.01	241.86
	1986	0.00	0.00	0.00	0.00	0.02	0.51	16.77	30.67	0.05	0.00	0.00	0.00	48.01
	1987	0.03	0.00	0.00	0.00	0.01	0.03	0.06	4.67	0.27	0.00	0.00	6.80	11.87
	1988	0.00	0.00	0.00	0.00	0.00	1.57	25.50	59.06	27.01	1.97	0.00	0.00	115.12
	1989	0.00	0.00	0.00	0.00	0.00	23.35	11.60	43.79	4.95	0.13	0.00	0.00	83.82
	1990	0.00	0.00	0.00	0.00	0.00	0.22	14.75	72.53	61.72	4.34	0.00	0.00	153.56
	1991	0.00	0.00	0.00	0.08	0.00	0.00	82.09	20.04	10.96	0.00	0.00	0.00	113.18
	1992	0.00	0.00	0.00	0.00	0.01	0.01	156.45	80.67	73.43	5.51	0.07	0.00	316.14
	1993	0.00	0.00	0.00	0.00	0.00	3.01	111.88	0.69	8.79	0.70	0.00	0.00	125.06
	1994	0.30	0.00	0.00	0.00	0.00	14.61	58.66	73.76	40.57	0.23	0.00	0.00	188.12
	1995	0.21	0.00	0.00	0.00	0.00	0.00	39.05	29.33	7.25	0.69	0.00	0.02	76.55
	1996	0.09	0.00	0.00	0.00	0.00	3.80	33.43	53.73	27.32	0.45	0.00	0.00	118.81
	1997	0.00	0.00	0.00	0.01	0.12	0.07	15.25	41.38	47.15	0.18	0.00	0.00	104.16
	1998	0.00	0.00	0.00	0.00	0.00	1.70	3.27	3.08	18.73	14.88	0.11	0.00	41.77
	1999	0.00	0.01	0.00	0.00	1.67	1.34	2.55	7.96	1.59	2.59	0.00	0.00	17.70
	2000	0.00	0.00	0.00	0.00	0.31	0.32	20.76	13.84	0.69	0.08	0.00	0.00	36.00
	2001	0.00	0.00	0.00	0.00	0.23	30.77	102.61	30.03	0.06	0.14	0.00	0.00	163.84
	2002	0.00	0.01	0.00	0.00	0.00	0.08	0.04	13.36	10.25	0.00	0.00	0.00	23.73
	2003	0.00	0.16	0.00	0.00	0.00	0.42	53.38	45.08	35.36	2.20	0.00	0.00	136.59
	2004	0.00	0.00	0.00	0.00	0.00	0.21	0.70	16.67	1.98	0.79	0.00	0.00	20.35
	2005	0.00	0.00	0.00	0.00	0.00	0.05	22.77	144.90	133.13	4.14	0.00	0.00	304.98
	2006	0.00	0.00	0.04	0.00	0.00	12.33	67.20	527.65	33.77	10.02	0.00	0.00	651.02
	2007	0.00	0.00	0.00	0.00	0.01	2.92	69.96	14.80	3.68	0.01	0.00	0.00	91.38
	2008	0.00	0.00	0.00	0.00	0.12	0.29	4.73	14.33	11.13	0.11	0.00	0.00	30.71
	2009	0.00	0.00	0.00	0.00	0.00	4.62	74.03	8.57	0.35	0.00	0.00	0.00	87.56
	2010	0.00	0.00	0.00	0.00	0.00	0.05	61.90	140.72	43.24	0.08	29.55	1.39	276.92
	% flow	**0.02**	**0.02**	**0.00**	**0.00**	**0.06**	**2.84**	**31.18**	**45.08**	**17.38**	**1.83**	**1.41**	**0.16**	
Mean		**0.04**	**0.03**	**0.00**	**0.00**	**0.08**	**3.99**	**43.76**	**63.27**	**24.39**	**2.57**	**1.98**	**0.22**	**140.34**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Narain Sagar Jalia Iind Bund	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.88	3.07	1.17	0.27	0.06	5.48
	1974	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.04
	1975	0.00	0.00	0.00	0.00	0.00	0.00	2.49	6.96	3.78	0.46	0.01	0.00	13.70
	1976	0.00	0.00	0.00	0.00	0.00	0.00	3.61	23.19	9.15	1.36	0.12	0.00	37.44
	1977	0.00	0.00	0.00	0.00	0.00	0.03	1.92	10.27	1.50	0.19	0.00	0.00	13.92
	1978	0.00	0.00	0.00	0.00	0.00	0.00	2.37	2.77	3.99	0.65	0.02	0.00	9.80
	1979	0.00	0.00	0.00	0.00	0.00	0.00	3.70	2.14	0.34	0.00	0.00	0.00	6.18
	1980	0.00	0.00	0.00	0.00	0.00	0.72	1.07	0.00	0.00	0.00	0.00	0.00	1.79
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.03	0.00	0.00	0.14
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.30	2.57	0.33	0.02	0.00	0.00	3.22
	1983	0.00	0.00	0.00	0.00	0.00	0.00	4.82	12.25	3.87	0.59	0.04	0.00	21.57
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.27	1.76	2.96	0.36	0.01	0.00	5.35
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.09	0.22	0.06	0.00	0.00	1.49
	1986	0.00	0.00	0.00	0.00	0.00	0.00	2.16	1.56	0.01	0.00	0.00	0.00	3.73
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.09	0.20	0.10	0.00	0.00	1.79
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.42	1.24	0.39	0.00	0.00	0.00	2.05
	1990	0.00	0.00	0.00	0.00	0.00	0.04	2.25	6.02	0.09	0.03	0.00	0.00	8.43
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.47	2.05	0.14	0.00	0.00	0.00	2.66
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.57	7.38	0.08	0.00	0.00	8.26
	1993	0.00	0.00	0.00	0.00	0.00	0.00	3.99	0.08	0.00	0.00	0.00	0.00	4.06
	1994	0.00	0.00	0.00	0.00	0.00	0.00	5.09	1.10	0.05	0.00	0.00	0.00	6.24
	1995	0.00	0.00	0.00	0.00	0.00	0.00	2.74	1.14	0.00	0.00	0.00	0.00	3.88
	1996	0.00	0.00	0.00	0.00	0.00	0.11	3.55	4.90	6.09	0.56	0.02	0.00	15.22
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	2.24	0.06	0.00	0.00	3.09
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	0.00	0.00	0.15
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.23	0.00	0.00	0.00	0.00	0.28
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2.51	0.43	0.00	0.00	0.00	0.00	2.94
	2001	0.00	0.00	0.00	0.00	0.00	0.00	0.95	1.20	0.04	0.00	0.00	0.00	2.19
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.01	0.93	0.03	0.00	0.00	0.00	0.00	0.97
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.05	2.01	0.22	0.00	0.00	0.00	2.28
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.39	5.14	1.17	0.00	0.00	6.75
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.73	8.80	0.74	0.00	0.00	0.00	10.27
	2007	0.00	0.00	0.00	0.00	0.00	0.00	1.77	0.20	0.60	0.00	0.00	0.00	2.57
	2008	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.17	1.47	0.09	0.00	0.00	1.87
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.41	0.53	0.00	0.00	0.00	1.88
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.17	2.05	0.69	0.01	0.00	0.00	3.93
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.44**	**24.26**	**46.10**	**25.68**	**3.25**	**0.23**	**0.03**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**1.38**	**2.62**	**1.46**	**0.18**	**0.01**	**0.00**	**5.67**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Orai	1973	0.00	0.00	0.00	0.00	0.00	0.03	16.62	61.58	71.07	8.76	0.17	0.00	158.23
	1974	0.00	0.00	0.00	0.00	0.05	0.00	7.94	49.18	1.55	4.42	0.00	0.00	63.13
	1975	0.00	0.00	0.00	0.00	0.00	0.87	8.11	24.84	17.43	5.02	0.02	0.00	56.30
	1976	0.00	0.00	0.00	0.00	0.00	0.29	3.19	50.46	19.40	0.42	6.46	0.52	80.74
	1977	0.00	0.00	0.00	0.00	0.00	2.16	33.51	19.08	1.08	0.00	0.00	0.00	55.82
	1978	0.00	0.00	0.00	0.00	0.00	0.00	7.62	4.30	5.98	0.06	0.00	0.00	17.97
	1979	0.00	0.00	0.00	0.00	0.00	0.00	19.58	37.39	0.01	0.00	3.88	0.45	61.31
	1980	0.00	0.00	0.00	0.00	0.00	2.87	4.74	3.88	1.59	0.00	0.00	0.00	13.08
	1981	0.00	0.00	0.00	0.00	0.00	0.47	4.05	3.04	1.89	0.00	0.00	0.00	9.45
	1982	0.00	0.00	0.00	0.00	0.00	0.00	5.72	42.24	0.59	0.00	0.00	0.00	48.55
	1983	0.00	0.00	0.00	0.00	0.08	4.02	17.36	29.28	7.20	0.26	0.00	0.00	58.19
	1984	0.00	0.00	0.00	0.00	0.00	0.38	0.42	29.41	30.48	0.01	0.00	0.00	60.70
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.29	38.81	3.87	1.49	0.00	0.00	44.46
	1986	0.00	0.00	0.00	0.00	0.00	0.00	68.30	49.66	0.21	0.00	0.00	0.00	118.17
	1987	0.00	0.00	0.00	0.00	0.00	1.38	0.00	33.88	12.51	0.00	0.00	0.00	47.77
	1988	0.00	0.00	0.00	0.00	0.00	1.60	16.42	5.99	0.52	0.00	0.00	0.00	24.53
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.05	80.11	12.30	0.02	0.00	0.00	92.47
	1990	0.00	0.00	0.00	0.00	0.00	2.84	33.78	34.58	4.08	0.02	0.00	0.00	75.29
	1991	0.00	0.00	0.00	0.00	0.00	0.00	15.25	29.84	19.96	0.02	0.00	0.00	65.07
	1992	0.00	0.00	0.00	0.00	0.00	0.00	15.91	25.42	7.71	0.00	0.00	0.00	49.05
	1993	0.00	0.00	0.00	0.00	0.00	4.91	38.52	36.99	0.41	0.00	0.00	0.00	80.83
	1994	0.00	0.00	0.00	0.00	0.00	3.99	69.08	24.66	20.59	0.13	0.00	0.00	118.44
	1995	0.00	0.00	0.00	0.00	0.00	0.00	23.29	5.13	6.58	0.00	0.00	0.00	35.00
	1996	0.00	0.00	0.00	0.00	0.00	0.00	55.95	69.37	22.14	0.09	0.00	0.00	147.55
	1997	0.00	0.00	0.00	0.00	0.00	0.00	3.81	13.38	16.22	0.23	0.00	0.00	33.63
	1998	0.00	0.00	0.00	0.00	0.00	0.00	7.82	2.64	1.46	0.16	0.00	0.00	12.09
	1999	0.00	0.00	0.00	0.00	0.00	0.03	9.45	23.56	0.08	0.00	0.00	0.00	33.12
	2000	0.00	0.00	0.00	0.00	0.00	0.00	36.59	0.90	0.00	0.00	0.00	0.00	37.49
	2001	0.00	0.00	0.00	0.00	0.00	1.52	74.11	0.15	0.00	0.00	0.00	0.00	75.77
	2002	0.00	0.00	0.00	0.00	0.00	2.12	0.78	9.11	5.38	0.00	0.00	0.00	17.39
	2003	0.00	0.00	0.00	0.00	0.00	3.70	22.13	13.52	11.42	0.05	0.00	0.00	50.82
	2004	0.00	0.00	0.00	0.00	0.00	0.00	1.22	75.99	0.52	0.00	0.00	0.00	77.72
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.86	8.27	12.63	0.31	0.00	0.00	22.06
	2006	0.00	0.00	0.00	0.00	0.00	0.00	25.93	70.90	4.81	0.01	0.00	0.00	101.65
	2007	0.00	0.00	0.00	0.00	0.00	0.00	35.49	2.05	2.52	0.00	0.00	0.00	40.05
	2008	0.00	0.00	0.00	0.00	0.00	4.38	6.35	30.43	9.38	0.07	0.00	0.00	50.61
	2009	0.00	0.00	0.00	0.00	0.00	2.71	23.62	9.89	9.23	0.00	0.00	0.00	45.45
	2010	0.00	0.00	0.00	0.00	0.00	0.00	17.28	37.95	17.41	0.01	0.00	0.00	72.65
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**1.79**	**32.46**	**48.29**	**15.99**	**0.96**	**0.47**	**0.04**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.06**	**19.24**	**28.63**	**9.48**	**0.57**	**0.28**	**0.03**	**59.28**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Rajsamand	1973	0.00	0.00	0.00	0.00	0.00	0.00	1.42	57.16	46.45	0.15	0.00	0.00	105.18
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.04
	1975	0.00	0.00	0.00	0.00	0.00	1.68	22.39	0.99	30.82	18.88	0.75	0.00	75.51
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.86	32.11	25.86	0.01	0.00	0.00	58.85
	1977	0.00	0.00	0.00	0.00	0.00	0.00	3.30	4.43	2.05	0.00	0.00	0.00	9.78
	1978	0.00	0.00	0.00	0.00	0.00	0.03	6.10	4.72	1.08	8.00	0.02	0.00	19.94
	1979	0.00	0.32	0.00	0.00	0.01	0.00	28.31	32.46	0.00	0.00	4.29	0.10	65.49
	1980	0.00	0.00	0.00	0.00	0.00	0.84	1.77	0.15	0.00	0.00	0.00	0.02	2.79
	1981	0.00	0.00	0.00	0.00	0.00	0.00	3.69	0.01	0.05	0.00	0.10	0.00	3.84
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.41	60.24	0.49	0.00	0.17	0.00	61.31
	1983	0.00	0.00	0.00	0.00	0.00	0.00	7.82	26.14	4.93	0.01	0.00	0.00	38.91
	1984	0.00	0.00	0.00	0.00	0.00	0.18	0.48	0.14	0.01	0.00	0.00	0.00	0.82
	1985	0.00	0.00	0.00	0.00	0.00	0.03	0.01	4.54	0.00	0.00	0.00	0.00	4.59
	1986	0.00	0.00	0.00	0.00	0.00	0.01	3.71	21.35	0.47	0.00	0.00	0.00	25.55
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.04	0.09
	1988	0.00	0.00	0.00	0.00	0.00	0.07	21.17	14.67	0.73	0.07	0.00	0.00	36.71
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.54	7.02	2.05	0.08	0.00	0.00	9.69
	1990	0.00	0.00	0.00	0.00	0.00	0.11	5.72	7.38	9.84	0.03	0.00	0.00	23.08
	1991	0.00	0.00	0.00	0.00	0.00	0.00	8.58	3.83	3.47	0.00	0.00	0.00	15.88
	1992	0.00	0.00	0.00	0.00	0.10	0.01	3.09	17.29	12.73	0.00	0.00	0.00	33.22
	1993	0.00	0.00	0.00	0.01	0.00	0.00	15.41	1.11	0.49	0.00	0.00	0.00	17.01
	1994	0.01	0.00	0.00	0.00	0.00	0.01	13.42	33.83	6.04	0.00	0.00	0.00	53.31
	1995	0.00	0.00	0.00	0.00	0.00	0.00	36.94	24.31	8.76	0.34	0.00	0.00	70.35
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3.02	9.24	0.67	0.00	0.00	0.00	12.93
	1997	0.00	0.00	0.00	0.00	0.10	2.65	0.17	4.90	0.64	0.00	0.00	0.00	8.45
	1998	0.00	0.00	0.00	0.00	0.00	0.18	25.36	1.40	8.34	26.44	0.07	0.00	61.78
	1999	0.00	0.00	0.00	0.00	0.00	0.06	6.37	10.87	0.00	0.00	0.00	0.00	17.30
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2.09	0.50	0.00	0.00	0.00	2.79
	2001	0.00	0.00	0.00	0.00	0.00	2.67	12.52	26.59	0.07	7.21	0.00	0.00	49.06
	2002	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.03	0.22	0.00	0.00	0.00	0.30
	2003	0.00	0.00	0.00	0.00	0.00	0.02	0.95	3.23	0.46	0.00	0.00	0.00	4.66
	2004	0.00	0.00	0.00	0.00	0.00	0.01	0.04	2.81	1.62	4.02	0.00	0.00	8.50
	2005	0.00	0.00	0.00	0.00	0.00	0.01	2.27	13.80	18.19	1.37	0.00	0.00	35.63
	2006	0.00	0.00	0.00	0.00	0.00	1.10	1.59	98.62	2.80	0.00	0.00	0.00	104.11
	2007	0.00	0.00	0.00	0.00	0.00	0.09	44.54	6.07	12.89	0.00	0.00	0.00	63.59
	2008	0.00	0.00	0.00	0.00	0.00	0.02	0.01	12.89	5.43	0.00	0.00	0.00	18.36
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.44	0.06	0.00	0.00	0.00	0.88
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.80	22.16	6.95	0.00	8.35	0.71	39.97
	% flow	**0.00**	**0.03**	**0.00**	**0.00**	**0.02**	**0.85**	**24.52**	**49.05**	**18.54**	**5.74**	**1.19**	**0.07**	
Mean		**0.00**	**0.01**	**0.00**	**0.00**	**0.01**	**0.26**	**7.49**	**14.98**	**5.66**	**1.75**	**0.36**	**0.02**	**30.53**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Sareri Dam	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.89	69.80	0.38	0.00	0.00	124.07
	1974	0.00	0.00	0.00	0.00	0.00	0.00	2.67	1.36	0.02	0.00	0.00	0.00	4.05
	1975	0.00	0.00	0.00	0.00	0.00	0.69	16.94	50.52	11.92	3.13	0.25	0.00	83.45
	1976	0.00	0.00	0.00	0.00	0.00	0.00	23.05	178.52	15.74	0.01	0.00	0.00	217.32
	1977	0.00	0.00	0.00	0.00	0.00	0.30	6.87	7.96	1.68	0.00	0.00	0.00	16.81
	1978	0.00	0.00	0.00	0.00	0.00	0.00	41.11	3.71	9.09	0.01	0.00	0.00	53.93
	1979	0.00	5.35	0.19	0.00	0.00	0.00	11.98	16.25	0.00	0.00	1.20	0.02	35.00
	1980	0.00	0.00	0.00	0.00	0.00	9.12	45.77	12.31	0.00	0.00	0.00	0.00	67.20
	1981	0.00	0.00	0.00	0.00	0.00	0.62	0.38	0.64	8.61	2.11	0.00	0.00	12.36
	1982	0.00	0.00	0.00	0.00	0.00	0.00	1.44	12.49	0.13	0.00	0.00	0.00	14.06
	1983	0.00	0.00	0.00	0.00	0.00	0.00	28.74	73.74	20.80	0.79	0.00	0.00	124.06
	1984	0.00	0.00	0.00	0.00	0.00	0.00	6.05	8.40	24.24	0.01	0.00	0.00	38.70
	1985	0.00	0.00	0.00	0.00	0.42	1.79	4.96	2.55	0.00	0.00	0.00	0.00	9.72
	1986	0.00	0.00	0.00	0.00	0.00	0.00	9.18	6.06	0.00	0.00	0.00	0.00	15.25
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.14	0.00	0.00	0.00	0.17
	1988	0.00	0.00	0.00	0.00	0.00	0.19	18.03	9.62	9.87	2.52	0.00	0.00	40.23
	1989	0.00	0.00	0.00	0.00	0.00	0.19	1.03	23.75	2.98	0.00	0.00	0.00	27.95
	1990	0.00	0.00	0.00	0.00	0.00	1.09	17.41	58.93	3.72	0.65	0.00	0.00	81.80
	1991	0.00	0.00	0.00	0.00	0.00	0.00	9.48	24.77	1.23	0.00	0.00	0.00	35.48
	1992	0.00	0.00	0.00	0.00	0.00	0.00	35.41	32.60	20.79	0.01	0.00	0.00	88.81
	1993	0.00	0.00	0.00	0.00	0.00	0.00	2.46	0.00	0.00	0.00	0.00	0.00	2.46
	1994	0.00	0.00	0.00	0.00	0.00	3.07	136.89	7.66	0.00	0.00	0.00	0.00	147.63
	1995	0.00	0.00	0.00	0.00	0.00	0.00	70.20	17.16	2.10	0.00	0.00	0.00	89.46
	1996	0.00	0.00	0.00	0.00	0.00	0.00	33.11	41.86	31.78	0.07	0.00	0.00	106.81
	1997	0.00	0.00	0.00	0.00	0.00	2.15	6.98	90.64	8.84	0.00	0.00	0.00	108.60
	1998	0.00	0.00	0.00	0.00	0.00	0.00	5.11	1.98	11.74	8.35	0.09	0.00	27.26
	1999	0.00	0.00	0.00	0.00	0.00	1.22	6.18	17.50	0.00	0.00	0.00	0.00	24.89
	2000	0.00	0.00	0.00	0.00	0.00	0.00	25.95	1.93	0.03	0.00	0.00	0.00	27.91
	2001	0.00	0.00	0.00	0.00	0.00	1.31	72.93	29.60	1.53	3.94	0.00	0.00	109.30
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.97	0.22	0.00	0.00	0.00	6.19
	2003	0.00	0.00	0.00	0.00	0.00	0.01	2.41	1.51	0.16	0.00	0.00	0.00	4.09
	2004	0.00	0.00	0.00	0.00	0.00	0.00	5.76	63.18	1.49	0.19	0.00	0.00	70.62
	2005	0.00	0.00	0.00	0.00	0.00	0.00	11.94	10.58	26.75	2.03	0.00	0.00	51.29
	2006	0.00	0.00	0.00	0.00	0.00	0.00	3.34	67.17	3.04	0.00	0.00	0.00	73.55
	2007	0.00	0.00	0.00	0.00	0.00	1.02	40.61	1.16	1.27	0.00	0.00	0.00	44.06
	2008	0.00	0.00	0.00	0.00	0.00	0.59	2.15	1.17	0.20	0.00	0.00	0.00	4.11
	2009	0.00	0.00	0.00	0.00	0.00	0.00	21.92	16.39	11.07	0.00	0.00	0.00	49.37
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.05	6.38	13.40	0.00	4.91	0.77	26.50
	% flow	**0.00**	**0.26**	**0.01**	**0.00**	**0.02**	**1.13**	**35.33**	**46.50**	**15.23**	**1.17**	**0.31**	**0.04**	
Mean		**0.00**	**0.14**	**0.01**	**0.00**	**0.01**	**0.61**	**19.20**	**25.26**	**8.27**	**0.64**	**0.17**	**0.02**	**54.33**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Surawal	1973	0.00	0.00	0.00	0.00	0.00	0.00	4.59	48.69	2.85	0.00	0.00	0.00	56.14
	1974	0.00	0.00	0.00	0.00	0.00	0.00	15.22	14.39	0.11	4.82	0.05	0.00	34.59
	1975	0.00	0.00	0.00	0.00	0.00	0.00	18.83	34.18	4.55	0.00	0.00	0.00	57.56
	1976	0.00	0.00	0.00	0.00	0.00	2.37	3.74	1.59	1.09	0.00	4.06	0.89	13.74
	1977	0.00	0.00	0.00	0.00	0.00	0.18	23.93	14.57	16.04	0.55	0.00	0.00	55.26
	1978	0.00	0.00	0.00	0.00	0.00	0.00	4.02	12.96	3.98	0.00	0.00	0.00	20.96
	1979	0.00	0.33	0.00	0.00	0.00	0.13	36.80	2.82	0.00	0.00	0.12	0.20	40.41
	1980	0.00	0.00	0.00	0.00	0.00	0.29	2.05	10.90	0.72	0.00	0.00	0.00	13.96
	1981	0.00	0.00	0.00	0.00	0.00	0.00	9.39	6.96	0.01	0.00	0.00	0.00	16.35
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.20	13.98	2.57	0.00	0.27	0.00	17.02
	1983	0.00	0.00	0.00	0.10	0.00	0.00	0.04	0.26	8.55	0.12	0.00	0.00	9.08
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.78	0.19	0.00	0.00	0.00	3.98
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.55	0.00	20.48	0.07	0.00	21.27
	1986	0.00	0.03	0.00	0.00	0.00	0.00	9.21	15.67	0.74	0.36	0.00	0.00	26.02
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.66	0.00	0.00	0.39	1.45
	1988	0.00	0.00	0.00	0.00	0.00	0.01	3.91	5.97	1.59	0.57	0.00	0.00	12.04
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.37	2.43	0.47	0.00	0.00	0.00	3.27
	1990	0.00	0.00	0.00	0.00	0.00	0.00	16.07	4.87	0.67	0.02	0.00	0.00	21.63
	1991	0.00	0.00	0.00	0.00	0.00	0.00	4.89	15.32	7.03	0.00	0.00	0.00	27.24
	1992	0.00	0.00	0.00	0.00	0.00	0.00	4.58	21.21	0.70	10.80	0.11	0.00	37.40
	1993	0.00	0.00	0.00	0.00	0.00	0.20	4.65	6.55	5.21	0.23	0.16	0.00	17.01
	1994	0.00	0.00	0.00	0.00	0.00	0.00	34.18	35.97	0.53	0.00	0.00	0.00	70.68
	1995	0.66	0.00	0.00	0.00	0.00	0.00	4.78	44.62	5.36	0.00	0.00	0.00	55.42
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.30	28.31	4.00	0.00	0.00	0.00	32.61
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.77	17.57	5.96	0.59	0.61	0.10	25.59
	1998	0.00	0.00	0.09	0.00	0.00	0.00	14.25	11.24	6.92	7.52	0.33	0.00	40.35
	1999	0.00	0.00	0.00	0.00	0.00	0.04	3.03	4.62	2.75	0.91	0.00	0.00	11.34
	2000	0.00	0.00	0.00	0.00	0.00	0.00	3.62	0.38	2.70	0.00	0.00	0.00	6.70
	2001	0.00	0.00	0.00	0.00	1.27	1.07	26.78	13.40	0.27	0.47	0.00	0.00	43.26
	2002	0.00	0.46	0.00	0.00	0.00	1.02	0.08	0.09	0.12	0.00	0.00	0.00	1.77
	2003	0.00	0.00	0.00	0.00	0.00	0.01	6.87	19.08	3.24	0.05	0.00	0.00	29.25
	2004	0.00	0.00	0.00	0.00	0.50	0.00	0.00	50.19	6.40	0.15	0.00	0.00	57.24
	2005	0.00	0.00	0.00	0.00	0.00	3.86	59.62	1.66	0.75	0.00	0.00	0.00	65.90
	2006	0.00	0.00	0.00	0.00	0.00	0.00	12.01	11.42	7.08	0.00	0.00	0.00	30.51
	2007	0.00	0.07	0.00	0.00	0.00	3.18	27.53	12.62	6.50	0.01	0.00	0.00	49.92
	2008	0.00	0.00	0.00	0.00	0.00	2.29	24.54	4.14	0.02	0.01	0.00	0.00	30.99
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.81
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.01	21.74	23.21	0.35	9.97	2.41	57.70
	% flow	**0.06**	**0.08**	**0.01**	**0.01**	**0.16**	**1.31**	**34.13**	**46.14**	**11.96**	**4.37**	**1.41**	**0.36**	
Mean		**0.02**	**0.02**	**0.00**	**0.00**	**0.05**	**0.39**	**10.03**	**13.56**	**3.51**	**1.28**	**0.41**	**0.11**	**29.38**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Tordisagar	1973	0.24	0.01	0.00	0.00	0.00	0.00	21.97	174.47	86.39	46.28	17.80	6.89	354.05
	1974	1.10	0.00	0.00	0.00	0.00	0.00	109.68	39.56	15.38	1.73	0.00	0.00	167.45
	1975	0.00	0.00	0.00	0.00	0.00	0.06	32.03	71.06	159.10	87.80	20.73	4.88	375.66
	1976	0.20	0.00	0.00	0.00	0.00	0.00	5.80	166.81	46.89	18.30	2.80	0.13	240.93
	1977	0.00	0.00	0.00	0.00	0.00	12.25	96.07	79.01	26.70	3.76	0.02	0.00	217.81
	1978	0.00	0.00	0.00	0.00	0.00	0.00	28.82	18.28	28.85	5.62	0.37	0.00	81.93
	1979	0.00	0.00	0.00	0.00	0.00	0.00	103.92	37.98	21.95	2.94	0.00	0.00	166.79
	1980	0.00	0.00	0.00	0.00	0.00	37.97	54.05	65.27	19.16	2.42	0.00	0.00	178.88
	1981	0.00	0.00	0.00	0.00	0.00	0.00	80.06	24.93	18.29	2.48	0.05	0.00	125.80
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.05	13.08	6.23	6.57	0.65	0.00	26.57
	1983	0.00	0.00	0.00	0.00	0.00	0.00	35.86	79.55	68.66	30.86	6.28	0.69	221.91
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.45	4.83	0.00	0.00	0.00	29.28
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.32	0.00	0.00	0.00	0.00	3.32
	1986	0.00	0.00	0.00	0.00	0.00	0.00	18.36	28.66	0.39	0.00	0.00	0.00	47.41
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	4.64	0.00	0.00	0.00	6.22
	1988	0.00	0.00	0.00	0.00	0.00	0.08	3.40	0.11	0.00	0.00	0.00	0.00	3.59
	1989	0.00	0.00	0.00	0.00	0.00	0.00	5.68	1.88	0.39	0.00	0.00	0.00	7.96
	1990	0.00	0.00	0.00	0.00	0.00	0.00	5.46	13.57	0.29	0.00	0.00	0.00	19.32
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.01	4.18	1.46	0.00	0.00	0.00	5.65
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.95	2.12	0.00	0.00	0.00	40.08
	1993	0.00	0.00	0.00	0.00	0.00	0.22	48.45	3.13	0.77	0.00	0.00	0.00	52.58
	1994	0.00	0.00	0.00	0.00	0.00	0.00	35.06	13.76	12.30	0.00	0.00	0.00	61.13
	1995	0.00	0.00	0.00	0.00	0.00	0.00	50.68	23.77	6.90	0.00	0.00	0.00	81.34
	1996	0.00	0.00	0.00	0.00	0.00	0.00	39.24	95.38	21.01	0.10	0.00	0.00	155.73
	1997	0.00	0.00	0.00	0.00	0.00	0.00	13.78	53.38	12.45	0.90	0.06	0.00	80.56
	1998	0.00	0.00	0.00	0.00	0.00	0.00	2.23	3.06	14.94	0.52	0.00	0.00	20.76
	1999	0.00	0.00	0.00	0.00	0.00	0.00	41.17	47.43	0.49	0.00	0.00	0.00	89.09
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2.05	0.12	0.00	0.00	0.00	0.00	2.17
	2001	0.00	0.00	0.00	0.00	0.00	2.45	55.85	5.24	0.00	0.00	0.00	0.00	63.53
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.28
	2003	0.00	0.00	0.00	0.00	0.00	0.00	8.02	0.22	0.01	0.00	0.00	0.00	8.25
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.70	11.63	0.00	0.00	0.00	74.33
	2005	0.00	0.00	0.00	0.00	0.00	0.00	5.28	0.12	0.00	0.00	0.00	0.00	5.40
	2006	0.00	0.00	0.00	0.00	0.00	0.24	0.88	1.14	0.01	0.00	0.00	0.00	2.27
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.08	4.27	0.09	0.00	0.00	0.00	4.45
	2008	0.00	0.00	0.00	0.00	0.00	0.00	8.01	1.96	13.75	0.68	0.00	0.00	24.40
	2009	0.00	0.00	0.00	0.00	0.00	0.00	2.12	0.32	1.95	0.00	0.00	0.00	4.39
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.01	52.87	4.39	0.00	0.00	0.00	57.27
	% flow	**0.05**	**0.00**	**0.00**	**0.00**	**0.00**	**1.71**	**29.41**	**40.36**	**19.71**	**6.79**	**1.57**	**0.40**	
Mean		**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**1.40**	**24.06**	**33.02**	**16.12**	**5.55**	**1.28**	**0.33**	**81.80**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Udai Sagar	1973	0.00	0.00	0.00	0.00	0.00	0.62	45.16	196.62	116.80	2.41	0.01	0.00	361.62
	1974	0.00	0.00	0.00	0.00	0.22	0.22	4.99	8.65	0.28	4.12	0.02	0.00	18.49
	1975	0.00	0.00	0.00	0.00	0.00	5.17	31.04	58.50	17.07	1.89	0.14	0.00	113.81
	1976	0.33	0.45	0.00	0.00	0.00	0.02	13.09	19.50	7.17	0.02	0.08	0.01	40.67
	1977	0.09	0.01	0.00	0.00	0.17	0.85	13.09	1.53	5.56	0.00	0.00	0.00	21.29
	1978	0.00	0.01	0.00	0.00	0.00	0.11	54.29	33.00	8.69	0.23	0.10	0.00	96.43
	1979	0.00	0.01	0.00	0.00	0.14	0.29	36.72	8.78	0.32	0.17	0.52	0.10	47.06
	1980	0.00	0.00	0.00	0.00	0.00	2.96	34.28	1.25	0.29	0.00	0.00	0.33	39.11
	1981	0.03	0.00	0.00	0.00	0.46	7.18	11.74	35.17	3.67	0.32	17.49	0.00	76.06
	1982	0.31	0.05	0.00	0.00	0.29	0.32	2.33	24.14	1.64	0.23	11.36	0.01	40.68
	1983	0.00	0.00	0.00	0.29	0.00	17.01	48.10	10.33	0.44	0.00	0.00	0.00	76.18
	1984	0.00	0.00	0.00	0.00	0.00	0.59	24.11	28.02	2.78	0.38	0.00	0.00	55.87
	1985	0.00	0.00	0.00	0.00	0.04	0.01	17.23	117.21	0.19	13.42	0.00	0.05	148.14
	1986	0.00	0.00	0.00	0.00	0.07	0.77	8.61	16.49	0.05	0.00	0.00	0.00	25.99
	1987	0.12	0.00	0.00	0.00	0.04	0.10	0.19	2.68	0.26	0.00	0.00	3.48	6.87
	1988	0.01	0.00	0.00	0.03	0.02	1.05	13.87	34.31	15.36	0.74	0.00	0.00	65.40
	1989	0.01	0.00	0.00	0.00	0.00	11.93	5.26	24.41	2.37	0.09	0.00	0.00	44.07
	1990	0.00	0.00	0.00	0.00	0.00	0.39	8.16	42.85	34.76	1.41	0.00	0.00	87.58
	1991	0.00	0.00	0.00	0.29	0.00	0.00	52.20	8.02	6.15	0.00	0.01	0.00	66.67
	1992	0.00	0.00	0.00	0.00	0.10	0.07	108.05	36.83	42.61	2.99	0.12	0.01	190.77
	1993	0.00	0.01	0.00	0.00	0.00	1.80	67.12	0.61	4.52	0.25	0.00	0.00	74.32
	1994	0.41	0.00	0.00	0.00	0.00	9.51	31.15	42.85	22.36	0.18	0.00	0.00	106.47
	1995	0.34	0.00	0.00	0.00	0.00	0.00	24.28	14.10	3.28	0.35	0.00	0.07	42.42
	1996	0.20	0.00	0.00	0.00	0.00	2.41	17.14	28.87	14.53	0.36	0.00	0.00	63.52
	1997	0.00	0.00	0.00	0.08	0.45	0.20	7.48	21.98	25.95	0.16	0.00	0.00	56.29
	1998	0.00	0.00	0.00	0.05	0.02	1.20	1.79	1.64	9.96	8.68	0.10	0.00	23.44
	1999	0.00	0.07	0.00	0.00	1.49	0.98	1.63	3.66	0.81	1.48	0.00	0.00	10.11
	2000	0.00	0.00	0.00	0.00	0.71	0.39	11.61	6.67	0.48	0.06	0.00	0.00	19.91
	2001	0.00	0.00	0.00	0.01	0.44	17.14	61.44	16.45	0.10	0.22	0.00	0.00	95.79
	2002	0.00	0.05	0.00	0.00	0.00	0.19	0.11	6.87	5.21	0.00	0.00	0.00	12.43
	2003	0.00	0.38	0.00	0.00	0.00	0.55	30.21	23.87	19.47	0.84	0.00	0.00	75.33
	2004	0.00	0.00	0.00	0.00	0.00	0.42	0.74	8.26	0.96	0.32	0.00	0.00	10.70
	2005	0.00	0.00	0.00	0.00	0.01	0.12	12.01	88.68	81.83	1.20	0.00	0.00	183.85
	2006	0.00	0.00	0.18	0.00	0.00	7.44	37.20	327.03	20.37	3.18	0.00	0.00	395.40
	2007	0.00	0.00	0.00	0.00	0.07	1.77	39.11	8.18	1.76	0.01	0.00	0.00	50.90
	2008	0.00	0.00	0.00	0.06	0.39	0.43	2.83	6.28	5.32	0.08	0.00	0.00	15.38
	2009	0.00	0.00	0.00	0.00	0.00	2.45	41.81	4.16	0.27	0.00	0.00	0.00	48.69
	2010	0.00	0.00	0.00	0.00	0.00	0.17	36.35	83.78	22.27	0.08	19.83	0.69	163.17
	% flow	**0.06**	**0.03**	**0.01**	**0.03**	**0.17**	**3.15**	**31.15**	**45.66**	**16.47**	**1.49**	**1.62**	**0.15**	
Mean		**0.05**	**0.03**	**0.00**	**0.02**	**0.13**	**2.55**	**25.17**	**36.90**	**13.31**	**1.21**	**1.31**	**0.13**	**80.81**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Ummed SagarB	1973	0.00	0.00	0.00	0.00	0.00	0.00	21.18	52.50	26.98	0.66	0.01	0.00	101.33
	1974	0.00	0.00	0.00	0.00	0.00	0.00	13.16	34.42	3.00	1.68	0.00	0.00	52.25
	1975	0.00	0.00	0.00	0.00	0.00	0.00	18.54	32.86	8.28	0.76	0.07	0.00	60.51
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.03	66.13	15.08	0.03	0.40	0.13	81.81
	1977	0.00	0.00	0.00	0.00	0.00	0.04	4.56	23.16	3.80	0.00	0.00	0.00	31.56
	1978	0.00	0.00	0.00	0.00	0.00	0.00	19.03	11.56	23.87	0.01	0.00	0.00	54.48
	1979	0.00	4.31	0.12	0.00	0.00	0.00	23.06	8.05	0.00	0.00	1.39	0.17	37.10
	1980	0.00	0.00	0.00	0.00	0.00	3.88	8.24	12.31	0.07	0.00	0.00	0.21	24.71
	1981	0.02	0.00	0.00	0.00	0.00	0.00	8.11	2.82	23.94	3.29	0.00	0.00	38.18
	1982	0.01	0.00	0.00	0.00	0.00	0.00	5.09	35.30	1.42	0.00	8.10	0.05	49.97
	1983	0.00	0.00	0.00	0.00	0.00	0.00	17.88	62.86	43.16	4.98	0.02	0.00	128.89
	1984	0.00	0.00	0.00	0.00	0.00	0.00	12.51	32.86	10.75	0.01	0.00	0.00	56.14
	1985	0.00	0.00	0.00	0.00	0.00	0.00	14.74	29.92	1.27	10.34	0.02	0.00	56.28
	1986	0.00	0.00	0.00	0.00	0.00	0.00	16.08	13.05	0.05	0.00	0.00	0.00	29.17
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.03	18.56	16.86	0.00	0.00	0.71	36.17
	1988	0.00	0.00	0.00	0.00	0.00	0.00	3.20	0.91	0.05	0.00	0.00	0.00	4.17
	1989	0.00	0.00	0.00	0.00	0.00	0.00	8.45	66.53	15.21	0.01	0.00	0.00	90.19
	1990	0.00	0.00	0.00	0.00	0.00	0.16	25.97	35.73	12.04	0.70	0.00	0.00	74.60
	1991	0.00	0.00	0.00	0.00	0.00	0.00	22.99	26.09	0.63	0.07	0.00	0.00	49.78
	1992	0.00	0.00	0.00	0.00	0.00	0.00	6.94	32.17	9.63	0.03	0.00	0.00	48.77
	1993	0.00	0.00	0.00	0.00	0.00	0.30	20.01	0.12	0.07	0.00	0.00	0.00	20.51
	1994	0.00	0.00	0.00	0.00	0.00	10.12	99.42	21.26	4.19	0.01	0.00	0.00	135.00
	1995	0.04	0.00	0.00	0.00	0.00	0.00	18.90	7.11	1.19	0.00	0.00	0.00	27.24
	1996	0.00	0.00	0.00	0.00	0.00	0.01	24.14	53.06	7.39	0.00	0.00	0.00	84.60
	1997	0.00	0.00	0.00	0.00	0.00	0.00	35.52	79.47	4.68	0.00	0.00	0.00	119.67
	1998	0.00	0.00	0.00	0.00	0.00	0.00	2.95	2.09	4.06	1.53	0.03	0.00	10.66
	1999	0.00	0.00	0.00	0.00	0.00	2.35	13.67	22.39	1.93	0.05	0.00	0.00	40.38
	2000	0.00	0.00	0.00	0.00	0.00	0.00	44.35	18.49	0.22	0.00	0.00	0.00	63.07
	2001	0.00	0.00	0.00	0.00	0.00	0.00	49.50	29.17	0.76	0.00	0.00	0.00	79.42
	2002	0.00	0.02	0.00	0.00	0.00	0.01	0.03	1.87	0.00	0.00	0.00	0.00	1.94
	2003	0.00	0.00	0.00	0.00	0.00	0.00	2.87	6.41	1.05	0.00	0.00	0.00	10.33
	2004	0.00	0.00	0.00	0.00	0.00	0.10	23.16	155.67	5.85	10.70	0.00	0.00	195.48
	2005	0.00	0.00	0.00	0.00	0.00	0.00	2.50	3.11	25.77	6.50	0.00	0.00	37.87
	2006	0.00	0.00	1.48	0.00	0.00	0.19	17.16	79.33	2.38	0.00	0.00	0.00	100.54
	2007	0.00	0.06	0.02	0.00	0.00	0.00	6.42	3.33	0.00	0.00	0.00	0.00	9.83
	2008	0.00	0.00	0.00	0.00	0.00	0.25	2.75	0.04	2.05	0.04	0.00	0.00	5.13
	2009	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.86	0.00	0.00	0.00	0.00	4.36
	2010	0.00	0.00	0.00	0.00	0.00	0.01	10.01	30.99	15.70	0.07	4.08	0.85	61.71
	% flow	**0.00**	**0.21**	**0.08**	**0.00**	**0.00**	**0.82**	**29.65**	**52.63**	**13.88**	**1.96**	**0.67**	**0.10**	
Mean		**0.00**	**0.12**	**0.04**	**0.00**	**0.00**	**0.46**	**16.49**	**29.28**	**7.72**	**1.09**	**0.37**	**0.06**	**55.62**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Vallabhnagar MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.63	71.94	284.18	202.75	5.96	0.01	0.00	565.46
	1974	0.00	0.00	0.00	0.00	0.13	0.10	5.91	11.51	0.26	3.96	0.00	0.00	21.87
	1975	0.00	0.00	0.00	0.00	0.00	5.53	42.64	79.84	23.93	1.77	0.07	0.00	153.78
	1976	0.32	0.36	0.00	0.00	0.00	0.01	18.67	35.97	9.28	0.00	0.01	0.00	64.62
	1977	0.05	0.00	0.00	0.00	0.07	3.31	62.14	22.36	5.58	0.00	0.00	0.00	93.49
	1978	0.00	0.00	0.00	0.00	0.00	8.98	85.28	45.85	9.41	0.18	0.67	0.00	150.39
	1979	0.00	0.00	0.00	0.00	0.20	0.87	41.06	13.13	0.21	0.15	6.01	0.22	61.85
	1980	0.00	0.00	0.00	0.00	0.00	3.17	45.83	5.97	1.07	0.00	0.00	0.78	56.81
	1981	0.04	0.00	0.00	0.00	0.31	7.40	20.27	37.90	5.21	0.30	18.29	0.00	89.71
	1982	0.26	0.03	0.00	0.00	0.27	0.43	2.41	29.17	1.74	0.19	11.21	0.00	45.71
	1983	0.00	0.00	0.00	0.19	0.02	39.55	68.06	28.12	15.00	0.43	0.00	0.00	151.37
	1984	0.00	0.00	0.00	0.00	0.00	0.59	70.58	34.85	2.75	0.31	0.00	0.00	109.08
	1985	0.00	0.00	0.00	0.00	0.00	0.00	21.28	175.78	0.16	13.27	0.00	0.09	210.58
	1986	0.00	0.00	0.00	0.00	0.08	0.67	27.91	21.67	0.03	0.00	0.00	0.00	50.35
	1987	0.05	0.00	0.00	0.00	0.00	0.11	0.20	2.76	0.23	0.00	0.00	3.37	6.73
	1988	0.00	0.00	0.00	0.01	0.00	1.05	24.83	59.27	20.70	0.97	0.00	0.00	106.81
	1989	0.00	0.00	0.00	0.00	0.00	12.51	15.60	89.94	6.09	0.08	0.01	0.00	124.23
	1990	0.00	0.00	0.00	0.00	0.01	1.37	9.44	77.73	48.32	1.47	0.00	0.00	138.34
	1991	0.00	0.00	0.00	0.27	0.00	0.08	105.66	14.30	6.05	0.00	0.01	0.00	126.38
	1992	0.00	0.00	0.00	0.00	0.12	2.52	151.54	44.27	58.81	2.93	0.09	0.00	260.29
	1993	0.00	0.00	0.00	0.00	0.00	1.82	89.00	0.53	4.51	0.22	0.00	0.00	96.09
	1994	0.32	0.00	0.00	0.00	0.00	10.18	34.10	65.11	26.08	0.12	0.00	0.00	135.91
	1995	0.26	0.00	0.00	0.00	0.00	0.00	29.09	15.40	3.91	0.25	0.00	0.05	48.95
	1996	0.11	0.00	0.00	0.00	0.00	2.43	19.55	36.61	16.14	0.28	0.00	0.00	75.13
	1997	0.00	0.00	0.00	0.01	0.21	0.22	7.88	23.99	35.48	0.17	0.00	0.00	67.97
	1998	0.00	0.00	0.00	0.01	0.00	1.13	1.90	1.73	11.09	8.57	0.04	0.00	24.47
	1999	0.00	0.02	0.00	0.00	1.23	0.97	7.67	3.76	1.01	1.38	0.00	0.00	16.03
	2000	0.00	0.00	0.00	0.00	0.67	0.52	17.68	7.57	0.39	0.04	0.00	0.00	26.87
	2001	0.00	0.00	0.00	0.00	0.33	18.92	94.44	21.33	0.04	0.13	0.00	0.00	135.19
	2002	0.00	0.01	0.00	0.00	0.00	0.66	0.95	8.63	6.23	0.00	0.00	0.00	16.47
	2003	0.00	0.23	0.00	0.00	0.00	0.60	63.51	33.88	19.67	0.71	0.00	0.00	118.61
	2004	0.00	0.00	0.00	0.00	0.00	2.00	1.40	16.42	2.39	0.32	0.00	0.00	22.53
	2005	0.00	0.00	0.00	0.00	0.02	0.08	12.13	88.92	81.96	1.05	1.60	0.01	185.77
	2006	0.00	0.00	0.09	0.00	0.00	7.37	38.73	329.44	23.18	3.16	0.00	0.00	401.98
	2007	0.00	0.00	0.00	0.00	0.02	18.30	59.92	17.99	12.99	0.29	28.28	0.10	137.88
	2008	0.00	0.00	0.00	0.01	0.25	0.30	5.61	10.04	5.90	0.06	0.00	0.00	22.17
	2009	0.00	0.00	0.00	0.00	0.00	2.50	41.86	17.81	1.86	0.02	0.00	0.00	64.06
	2010	0.00	0.00	0.00	0.00	0.00	0.12	56.22	85.82	22.18	1.15	19.70	0.56	185.74
	% flow	**0.03**	**0.01**	**0.00**	**0.01**	**0.09**	**3.59**	**33.71**	**43.47**	**15.85**	**1.14**	**1.97**	**0.12**	
Mean		**0.04**	**0.02**	**0.00**	**0.01**	**0.10**	**4.13**	**38.76**	**49.99**	**18.23**	**1.31**	**2.26**	**0.14**	**114.99**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Wagan	1973	0.00	0.00	0.00	0.00	0.00	0.66	52.02	91.92	108.79	4.80	0.04	0.00	258.22
	1974	0.00	0.00	0.00	0.00	0.00	0.00	11.92	73.17	1.18	26.74	0.01	0.00	113.03
	1975	0.00	0.00	0.00	0.00	0.00	2.13	15.54	25.88	29.21	7.40	0.01	0.00	80.17
	1976	0.09	0.10	0.00	0.00	0.00	0.00	13.39	62.84	27.58	0.49	30.07	0.61	135.16
	1977	0.00	0.00	0.00	0.00	0.00	0.13	5.50	34.28	14.07	0.04	0.00	0.00	54.02
	1978	0.00	0.03	0.00	0.00	0.00	1.13	44.38	44.25	8.01	2.34	1.11	0.61	101.86
	1979	0.00	0.10	0.00	0.00	0.00	1.54	15.64	18.41	0.04	0.00	15.72	0.32	51.77
	1980	0.00	0.00	0.00	0.00	0.00	18.26	30.29	32.06	10.46	0.00	0.00	0.12	91.19
	1981	0.00	0.00	0.00	0.00	0.59	8.49	18.47	9.86	3.25	0.19	1.80	0.00	42.64
	1982	0.04	0.00	0.00	0.00	0.00	0.00	7.11	21.65	2.91	0.00	13.54	0.00	45.25
	1983	0.00	0.00	0.00	0.00	0.00	7.70	18.06	27.24	24.05	15.41	0.00	0.00	92.46
	1984	0.00	0.00	0.00	0.00	0.00	0.00	16.14	80.54	1.12	0.00	0.00	0.00	97.79
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.56	60.05	0.57	12.95	0.00	0.00	74.14
	1986	0.00	0.00	0.00	0.00	0.00	0.00	35.78	29.62	0.00	0.00	0.00	0.00	65.41
	1987	0.00	0.00	0.00	0.00	0.00	4.16	0.36	39.94	10.28	0.00	0.00	1.63	56.36
	1988	0.00	0.00	0.00	0.00	0.00	0.70	3.99	23.80	5.81	0.06	0.00	0.00	34.36
	1989	0.00	0.00	0.00	0.00	0.00	1.25	7.45	58.79	17.10	0.00	0.00	0.00	84.59
	1990	0.00	0.00	0.00	0.00	0.00	1.57	11.00	49.34	33.54	1.17	0.00	0.00	96.61
	1991	0.00	0.00	0.00	0.00	0.00	0.00	25.41	35.17	6.77	0.00	0.00	0.00	67.34
	1992	0.00	0.00	0.00	0.00	0.00	0.00	56.68	34.18	10.50	0.10	1.53	0.00	102.98
	1993	0.00	0.00	0.00	0.00	0.00	3.50	48.24	3.53	0.38	0.04	0.00	0.00	55.69
	1994	0.00	0.00	0.00	0.00	0.00	1.65	17.74	58.60	23.38	0.00	0.00	0.00	101.38
	1995	0.63	0.00	0.00	0.00	0.00	0.02	16.24	9.10	2.41	0.81	0.00	0.00	29.21
	1996	0.00	0.00	0.00	0.00	0.00	0.00	46.42	46.44	29.19	0.85	0.00	0.00	122.89
	1997	0.00	0.00	0.00	0.36	0.00	0.00	8.15	25.73	7.87	0.49	0.71	0.00	43.31
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.70	5.72	8.50	2.43	0.00	0.00	17.36
	1999	0.00	0.00	0.00	0.00	0.00	0.02	8.36	5.56	3.38	0.33	0.02	0.00	17.66
	2000	0.00	0.00	0.00	0.00	0.00	0.00	27.37	0.10	0.82	0.00	0.00	0.00	28.29
	2001	0.00	0.00	0.00	0.00	0.00	3.60	73.92	14.08	0.00	0.00	0.00	0.00	91.60
	2002	0.00	0.00	0.00	0.00	0.00	0.09	0.01	2.36	1.24	0.00	0.00	0.00	3.69
	2003	0.00	0.09	0.00	0.00	0.00	0.74	3.66	1.20	11.63	0.01	0.00	0.00	17.34
	2004	0.00	0.00	0.00	0.00	0.00	0.26	7.87	91.60	0.12	8.21	0.00	0.00	108.06
	2005	0.00	0.00	0.00	0.00	0.00	0.09	15.16	27.83	17.45	0.08	0.00	0.00	60.61
	2006	0.00	0.00	0.01	0.00	0.00	2.09	10.06	148.44	5.82	0.02	0.00	0.00	166.42
	2007	0.00	0.00	0.00	0.00	0.00	0.00	13.93	17.26	0.07	0.00	0.00	0.00	31.25
	2008	0.00	0.00	0.00	0.13	0.00	1.02	28.93	50.68	9.27	0.00	0.08	0.00	90.10
	2009	0.00	0.00	0.00	0.00	0.00	0.00	5.09	10.31	3.11	0.00	0.00	0.00	18.51
	2010	0.00	0.00	0.00	0.00	0.00	0.07	7.67	10.89	4.29	0.00	2.27	0.00	25.18
	% flow	**0.03**	**0.01**	**0.00**	**0.02**	**0.02**	**2.19**	**26.29**	**49.84**	**16.01**	**3.06**	**2.41**	**0.12**	
Mean		**0.02**	**0.01**	**0.00**	**0.01**	**0.02**	**1.60**	**19.19**	**36.38**	**11.69**	**2.24**	**1.76**	**0.09**	**73.00**

Virgin Water Yield Series of Major/Medium Projects in Chambal Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Abhaypura Dam Final_Out	1973	0.02	0.00	0.00	0.00	0.00	0.00	27.64	46.82	26.72	6.40	0.52	0.01	108.13
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.83	22.02	16.42	4.41	0.58	0.01	44.28
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.12	21.04	17.01	5.30	0.91	0.01	44.38
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.10	30.56	27.84	5.19	3.02	5.46	72.17
	1977	0.29	0.00	0.00	0.00	0.00	0.00	15.67	43.42	12.16	1.57	0.01	0.01	73.12
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.99	22.81	27.35	4.68	0.26	0.01	56.09
	1979	0.00	0.00	0.00	0.00	0.00	0.00	24.77	34.50	5.99	0.35	0.02	1.61	67.23
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.02	12.72	5.84	0.43	0.00	0.00	19.01
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.03	15.28	5.28	0.31	0.01	0.00	20.90
	1982	0.00	0.00	0.00	0.00	0.00	0.00	11.32	28.02	29.50	4.64	4.82	1.13	79.43
	1983	0.01	0.00	0.00	0.00	0.00	0.25	0.03	15.84	18.38	2.93	0.08	0.01	37.51
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.03	19.93	28.28	5.30	0.34	0.01	53.88
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	9.15	5.97	0.76	0.00	16.80
	1986	0.00	0.00	0.00	0.00	0.00	0.00	53.86	88.79	18.36	2.97	0.07	0.01	164.07
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.03	1.95	27.04	5.23	0.34	0.01	34.61
	1988	0.01	0.00	0.00	0.00	0.00	0.00	2.84	23.89	10.97	1.20	0.01	0.00	38.92
	1989	0.00	0.00	0.00	0.00	0.00	0.00	25.08	30.40	20.23	3.38	0.09	0.01	79.18
	1990	0.00	0.00	0.00	0.00	0.00	0.00	28.18	57.02	26.23	8.16	0.81	0.01	120.41
	1991	0.00	0.00	0.00	0.00	0.00	0.00	11.32	69.32	41.99	7.71	0.81	0.02	131.17
	1992	0.01	0.00	0.00	0.00	0.00	0.00	12.73	40.12	23.06	4.77	0.23	0.01	80.92
	1993	0.00	0.00	0.00	0.00	0.00	0.01	29.03	29.89	14.52	3.20	0.09	0.01	76.75
	1994	0.00	0.00	0.00	0.00	0.00	0.00	93.45	47.81	19.29	3.73	0.13	0.01	164.43
	1995	0.01	0.00	0.00	0.00	0.00	0.00	17.02	54.80	32.37	5.61	0.38	0.01	110.20
	1996	0.00	0.00	0.00	0.00	0.00	0.00	4.61	51.53	38.00	7.34	0.66	0.02	102.16
	1997	0.00	0.00	0.00	0.00	0.00	0.00	10.67	67.58	25.80	5.86	0.36	0.02	110.28
	1998	0.01	0.00	0.00	0.00	0.00	0.00	0.28	15.30	11.14	7.74	0.74	0.01	35.20
	1999	0.00	0.00	0.00	0.00	0.00	0.00	8.83	41.70	7.52	1.14	0.01	0.00	59.21
	2000	0.00	0.00	0.00	0.00	0.00	0.00	77.73	33.24	5.10	0.23	0.01	0.00	116.31
	2001	0.00	0.00	0.00	0.00	0.00	0.00	88.07	24.46	4.56	2.70	0.51	0.01	120.30
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1.35	6.58	0.42	0.00	0.00	8.37
	2003	0.00	0.00	0.00	0.00	0.00	0.00	4.28	20.43	18.43	11.52	1.30	0.01	55.97
	2004	0.00	0.00	0.00	0.00	0.00	0.00	5.16	63.51	36.29	12.04	1.55	0.03	118.57
	2005	0.01	0.00	0.00	0.00	0.00	0.00	9.47	23.49	8.60	4.41	0.21	0.01	46.17
	2006	0.00	0.00	0.00	0.00	0.00	0.00	2.68	41.54	34.27	5.79	0.36	0.01	84.65
	2007	0.00	0.00	0.00	0.00	0.00	0.00	22.43	10.54	2.57	0.05	0.00	0.00	35.59
	2008	0.00	0.00	0.00	0.00	0.00	0.00	1.33	22.26	12.28	4.89	0.25	0.01	41.01
	2009	0.00	0.00	0.00	0.00	0.00	0.00	16.69	29.81	10.38	1.23	0.01	0.00	58.12
	2010	0.00	0.00	0.00	0.00	0.00	0.00	2.40	32.03	24.97	4.84	0.38	0.02	64.63
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**22.17**	**44.97**	**25.83**	**5.95**	**0.75**	**0.31**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**16.04**	**32.54**	**18.70**	**4.31**	**0.54**	**0.22**	**72.37**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Alnia Dam	1973	0.00	0.00	0.00	0.00	0.00	0.00	3.15	14.95	10.52	4.41	0.04	0.01	33.09
	1974	0.01	0.00	0.00	25.79	0.00	0.00	0.00	5.10	15.86	6.55	2.24	0.04	55.61
	1975	0.01	0.01	0.01	0.00	0.00	0.00	4.28	12.39	17.00	8.00	0.86	0.01	42.58
	1976	0.01	0.01	0.01	0.00	0.00	0.00	0.07	6.31	12.19	5.58	0.67	1.82	26.67
	1977	0.35	0.01	0.01	0.00	0.00	0.06	10.26	23.53	15.45	5.74	0.04	0.01	55.46
	1978	0.01	0.01	0.01	0.00	0.00	0.47	7.42	9.57	13.42	5.00	0.04	0.01	35.96
	1979	0.01	0.01	0.00	0.00	0.00	0.00	4.67	7.87	1.88	0.02	0.04	1.03	15.53
	1980	0.21	0.01	0.00	0.00	0.00	0.08	0.86	0.04	1.82	0.71	0.01	0.00	3.74
	1981	0.00	0.00	0.00	0.00	0.00	0.00	1.09	4.99	1.72	0.69	0.04	0.01	8.54
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.12	12.78	14.92	4.45	0.04	0.02	32.33
	1983	0.01	0.01	0.00	0.00	0.00	0.00	0.01	3.31	4.34	1.07	0.01	0.00	8.78
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.15	9.64	4.11	0.03	0.01	18.96
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.21	6.63	6.80	3.20	0.51	0.02	17.39
	1986	0.01	0.00	0.00	0.00	0.00	0.00	3.58	25.27	11.74	2.41	0.02	0.01	43.04
	1987	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.07	4.75	2.01	0.02	0.01	6.88
	1988	0.00	0.00	0.00	0.00	0.00	0.03	7.23	14.61	8.87	5.28	0.12	0.01	36.16
	1989	0.01	0.01	0.00	0.00	0.00	0.00	0.21	3.40	7.07	1.73	0.02	0.01	12.46
	1990	0.00	0.00	0.00	0.00	0.00	0.00	4.12	8.80	6.93	2.82	0.04	0.01	22.72
	1991	0.01	0.00	0.00	0.00	0.00	0.00	2.41	15.81	16.60	6.32	0.30	0.01	41.48
	1992	0.01	0.01	0.00	0.00	0.00	0.00	0.03	7.65	11.00	4.95	1.05	0.03	24.73
	1993	0.01	0.00	0.00	0.00	0.00	0.01	3.51	7.76	5.46	4.10	0.10	0.01	20.96
	1994	0.01	0.00	0.00	0.00	0.00	0.12	10.39	13.27	10.16	3.17	0.03	0.01	37.16
	1995	0.01	0.01	0.00	0.00	0.00	0.00	1.82	14.50	16.41	6.27	0.27	0.01	39.29
	1996	0.01	0.01	0.00	0.00	0.00	0.00	0.82	11.78	16.86	6.30	0.48	0.01	36.27
	1997	0.01	0.01	0.00	0.00	0.00	0.00	0.08	13.04	10.51	2.85	0.02	0.01	26.54
	1998	0.01	0.00	0.00	0.00	0.00	0.00	5.40	6.52	1.08	0.01	0.01	0.00	13.04
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.72	9.69	5.75	1.55	0.02	0.01	17.75
	2000	0.00	0.00	0.00	0.00	0.15	4.12	10.37	11.34	3.48	0.05	0.01	0.01	29.53
	2001	0.00	0.00	0.00	0.00	0.00	1.45	31.65	16.52	7.69	0.72	0.01	0.01	58.07
	2002	0.01	0.01	0.01	0.00	0.00	0.00	0.00	4.08	3.90	0.54	0.01	0.00	8.56
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.57	4.13	1.65	0.12	0.01	0.00	6.50
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.62	11.89	3.57	0.02	0.01	22.11
	2005	0.00	0.00	0.00	0.00	0.00	0.00	4.81	9.33	2.59	0.02	0.01	0.00	16.76
	2006	0.00	0.00	0.00	0.00	0.00	0.27	0.23	7.05	12.47	5.00	0.06	0.01	25.09
	2007	0.01	0.00	0.00	0.00	0.00	0.08	12.31	10.49	5.70	0.93	0.02	0.01	29.56
	2008	0.01	0.00	0.00	0.00	0.00	0.07	7.89	7.93	4.28	0.06	0.01	0.01	20.27
	2009	0.00	0.00	0.00	0.00	0.00	0.00	4.82	11.03	4.43	0.18	0.01	0.01	20.50
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	6.32	2.94	0.03	0.01	11.00
	% flow	**0.06**	**0.01**	**0.01**	**2.13**	**0.02**	**0.56**	**11.95**	**29.22**	**26.60**	**9.34**	**0.60**	**0.33**	
Mean		**0.02**	**0.00**	**0.00**	**0.68**	**0.01**	**0.18**	**3.82**	**9.34**	**8.50**	**2.98**	**0.19**	**0.08**	**25.82**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bethali	1973	0.00	0.00	0.00	0.00	0.00	0.00	21.19	31.28	24.82	6.16	0.40	0.00	83.86
	1974	0.00	0.00	0.00	0.00	0.00	0.00	3.11	12.39	7.95	0.88	0.00	0.00	24.32
	1975	0.00	0.00	0.00	0.00	0.00	0.00	4.16	14.46	16.15	2.43	0.01	0.00	37.20
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.30	3.91	0.00	0.00	0.00	5.31
	1977	0.00	0.00	0.00	0.00	0.00	0.00	0.77	2.43	6.52	0.64	0.00	0.00	10.36
	1978	0.00	0.00	0.00	0.00	0.00	0.00	1.10	5.73	9.47	1.56	0.01	0.00	17.88
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.40
	1980	0.00	0.00	0.00	0.00	0.00	1.16	0.05	6.94	4.61	0.75	0.00	0.00	13.51
	1981	0.00	0.00	0.00	0.00	0.00	0.00	7.63	1.51	2.59	0.12	1.96	0.02	13.83
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.27	31.66	22.64	3.54	0.11	0.00	58.22
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.89	3.62	22.07	4.53	0.23	0.00	31.34
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.54	22.23	4.53	0.19	0.00	33.49
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.39	24.43	4.54	0.17	0.00	51.53
	1986	0.00	0.00	0.00	0.00	0.00	0.04	16.08	27.91	8.76	0.71	0.00	0.00	53.51
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	4.96	4.38	0.24	0.00	20.87
	1988	0.00	0.00	0.00	0.00	0.00	0.30	1.31	12.17	6.18	0.38	0.00	0.00	20.34
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1990	0.00	0.00	0.00	0.00	0.00	0.05	1.85	4.38	22.15	6.02	0.50	0.00	34.95
	1991	0.00	0.00	0.00	0.00	0.00	0.00	3.45	16.11	20.95	2.69	0.05	0.00	43.25
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.09	2.54	0.16	0.00	3.04
	1993	0.00	0.00	0.00	0.00	0.00	0.18	3.37	8.26	29.00	7.83	0.68	0.00	49.31
	1994	0.00	0.00	0.00	0.00	0.00	0.00	4.26	22.35	17.98	2.35	0.02	0.00	46.95
	1995	0.00	0.00	0.00	0.00	0.00	0.00	1.37	19.68	25.76	3.94	0.09	0.00	50.83
	1996	0.00	0.00	0.00	0.00	0.00	0.00	1.51	21.24	35.43	6.67	0.37	0.00	65.22
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.10	7.30	5.92	1.33	1.11	9.25	25.00
	1998	0.99	0.00	0.00	0.00	0.00	0.00	0.66	13.21	8.12	2.60	0.02	0.00	25.59
	1999	0.00	0.00	0.00	0.00	0.00	0.04	5.83	4.30	8.66	1.22	0.00	0.00	20.04
	2000	0.00	0.00	0.00	0.00	0.00	0.00	22.87	12.07	1.49	0.00	0.00	0.00	36.43
	2001	0.00	0.00	0.00	0.00	0.00	0.00	2.79	4.90	1.48	0.09	0.00	0.00	9.26
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.19	0.00	0.00	0.00	0.00	3.19
	2003	0.00	0.00	0.00	0.00	0.00	0.11	1.04	9.48	5.32	3.36	0.19	0.00	19.50
	2004	0.00	0.00	0.00	0.00	0.00	0.19	0.20	17.04	11.50	1.53	0.00	0.00	30.45
	2005	0.00	0.00	0.00	0.00	0.00	0.03	9.59	9.59	1.32	0.03	0.00	0.00	20.57
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.08	5.18	18.12	2.03	0.00	0.00	25.41
	2007	0.00	0.00	0.00	0.00	0.00	0.57	0.51	0.11	1.20	0.03	0.00	0.00	2.41
	2008	0.00	0.00	0.00	0.00	0.00	2.40	2.45	3.32	8.48	2.06	0.04	0.00	18.75
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.09	5.06	1.37	0.00	0.00	0.00	6.52
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.14	1.10	0.17	0.00	0.00	0.00	1.41
	% flow	**0.10**	**0.00**	**0.00**	**0.00**	**0.00**	**0.50**	**11.72**	**37.49**	**40.61**	**8.03**	**0.64**	**0.91**	
Mean		**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.13**	**3.13**	**10.00**	**10.84**	**2.14**	**0.17**	**0.24**	**26.69**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bhimlat Dam	1973	0.02	0.00	0.00	0.00	0.00	0.00	21.22	36.02	20.51	4.91	0.40	0.01	83.10
	1974	0.01	0.00	0.00	0.00	0.00	0.00	0.63	16.98	12.58	3.39	0.45	0.01	34.05
	1975	0.01	0.00	0.00	0.00	0.00	0.00	0.10	16.21	13.03	4.07	0.70	0.01	34.12
	1976	0.01	0.00	0.00	0.00	0.00	0.00	0.07	23.55	21.32	3.98	2.32	4.19	55.45
	1977	0.22	0.01	0.00	0.00	0.00	0.00	12.01	33.37	9.34	1.20	0.01	0.01	56.19
	1978	0.01	0.00	0.00	0.00	0.00	0.00	0.81	17.49	20.99	3.59	0.20	0.01	43.10
	1979	0.01	0.00	0.00	0.00	0.00	0.00	19.11	26.41	4.60	0.27	0.01	1.25	51.66
	1980	0.01	0.00	0.00	0.00	0.00	0.00	0.01	9.81	4.49	0.33	0.01	0.00	14.67
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.01	11.81	4.02	0.24	0.01	0.01	16.10
	1982	0.00	0.00	0.00	0.00	0.00	0.00	8.70	21.48	22.68	3.56	3.70	0.87	60.98
	1983	0.01	0.01	0.00	0.00	0.00	0.19	0.02	12.16	14.15	2.25	0.06	0.01	28.86
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.02	15.29	21.77	4.06	0.26	0.01	41.42
	1985	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.70	7.06	4.59	0.59	0.01	12.96
	1986	0.00	0.00	0.00	0.00	0.00	0.00	41.35	68.14	14.12	2.28	0.06	0.01	125.96
	1987	0.01	0.00	0.00	0.00	0.00	0.00	0.03	1.49	20.81	4.02	0.27	0.01	26.64
	1988	0.01	0.00	0.00	0.00	0.00	0.00	2.17	18.45	8.36	0.92	0.01	0.01	29.94
	1989	0.00	0.00	0.00	0.00	0.00	0.00	19.40	23.22	15.53	2.59	0.07	0.01	60.83
	1990	0.01	0.00	0.00	0.00	0.00	0.00	21.75	43.69	20.14	6.26	0.62	0.01	92.47
	1991	0.01	0.00	0.00	0.00	0.00	0.00	8.68	53.22	32.27	5.91	0.62	0.02	100.73
	1992	0.01	0.01	0.00	0.00	0.00	0.00	9.77	30.80	17.73	3.65	0.18	0.01	62.16
	1993	0.01	0.00	0.00	0.00	0.00	0.00	22.45	22.84	11.15	2.46	0.07	0.01	58.99
	1994	0.01	0.00	0.00	0.00	0.00	0.00	71.73	36.72	14.80	2.86	0.10	0.01	126.23
	1995	0.01	0.01	0.00	0.00	0.00	0.00	13.15	42.08	24.76	4.30	0.29	0.01	84.62
	1996	0.01	0.00	0.00	0.00	0.00	0.00	3.53	39.56	29.21	5.63	0.50	0.01	78.46
	1997	0.01	0.00	0.00	0.00	0.00	0.00	8.17	51.85	19.84	4.49	0.27	0.01	84.66
	1998	0.01	0.00	0.00	0.00	0.00	0.00	0.20	11.78	8.56	5.95	0.57	0.01	27.09
	1999	0.01	0.00	0.00	0.00	0.00	0.00	6.77	32.06	5.77	0.88	0.01	0.01	45.50
	2000	0.00	0.00	0.00	0.00	0.00	0.00	59.68	25.54	3.91	0.18	0.01	0.01	89.33
	2001	0.00	0.00	0.00	0.00	0.00	0.00	67.66	18.74	3.50	2.08	0.39	0.01	92.38
	2002	0.01	0.00	0.00	0.00	0.00	0.00	0.02	1.10	5.03	0.33	0.01	0.00	6.49
	2003	0.00	0.00	0.00	0.00	0.00	0.00	3.30	15.65	14.20	8.84	1.00	0.01	43.01
	2004	0.01	0.00	0.00	0.00	0.00	0.00	4.04	48.77	27.79	9.23	1.19	0.03	91.06
	2005	0.01	0.01	0.00	0.00	0.00	0.00	7.25	18.07	6.60	3.39	0.16	0.01	35.50
	2006	0.00	0.00	0.00	0.00	0.00	0.00	2.06	31.87	26.34	4.44	0.27	0.01	65.00
	2007	0.01	0.00	0.00	0.00	0.00	0.00	17.26	8.08	1.97	0.04	0.01	0.00	27.38
	2008	0.00	0.00	0.00	0.00	0.00	0.00	1.01	17.13	9.43	3.76	0.20	0.01	31.53
	2009	0.00	0.00	0.00	0.00	0.00	0.00	12.80	22.93	7.97	0.95	0.01	0.01	44.67
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.84	24.66	19.13	3.71	0.29	0.01	49.65
	% flow	**0.02**	**0.01**	**0.00**	**0.00**	**0.00**	**0.01**	**22.19**	**44.95**	**25.81**	**5.94**	**0.75**	**0.31**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**12.34**	**24.99**	**14.35**	**3.30**	**0.42**	**0.17**	**55.60**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bilas	1973	0.14	0.00	0.00	0.00	0.00	0.05	0.66	21.09	16.98	7.45	1.46	0.24	48.07
	1974	0.00	0.00	0.00	0.00	0.00	0.00	1.92	26.39	5.94	0.10	0.00	0.00	34.35
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	28.93	21.25	2.54	0.03	54.38
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.53	11.16	4.31	0.12	0.00	23.13
	1977	0.00	0.00	0.00	0.00	0.00	0.00	2.72	16.99	17.41	1.57	0.00	0.00	38.68
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.21	0.00	0.00	0.56
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.87	10.38	4.38	0.47	0.00	25.10
	1980	0.00	0.07	0.00	0.00	0.00	0.00	0.50	7.37	5.24	1.64	0.09	0.00	14.90
	1981	0.00	0.00	0.00	0.00	0.00	0.00	5.00	4.25	3.67	0.09	0.00	0.00	13.00
	1982	0.00	0.00	0.00	0.00	0.00	0.00	1.06	14.12	11.81	8.10	1.07	0.00	36.18
	1983	0.00	0.00	0.00	0.00	0.00	0.00	1.39	11.66	16.02	7.01	0.29	0.00	36.37
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.57	5.41	2.57	0.18	0.00	0.00	8.72
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.02	2.23	4.88	3.54	0.45	0.00	11.12
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.92	1.00	3.40	0.43	0.00	0.00	5.74
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.16	0.00	0.00	0.00	0.43
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.72	7.23	11.26	0.74	0.00	20.88
	1989	0.00	0.00	0.00	0.00	0.00	0.00	13.87	13.65	27.76	6.86	0.30	0.00	62.44
	1990	0.00	0.00	0.00	0.00	0.00	0.00	10.79	18.58	24.83	3.19	0.01	0.00	57.40
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.19	5.03	4.25	0.19	0.00	13.66
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	12.87	7.18	0.58	0.00	22.28
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.17	13.27	9.90	2.29	0.01	0.00	25.65
	1994	0.00	0.00	0.00	0.00	0.00	0.00	3.44	48.48	21.74	2.91	0.00	0.00	76.58
	1995	0.00	0.00	0.00	0.00	0.00	0.00	3.99	40.28	26.59	2.96	0.00	0.00	73.83
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3.59	19.08	37.33	6.57	0.24	0.00	66.80
	1997	0.00	0.00	0.00	0.00	0.00	0.00	3.29	19.09	27.63	11.03	0.72	0.00	61.75
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.13	11.85	16.48	1.33	0.00	0.00	29.78
	1999	0.00	0.00	0.00	0.00	0.00	0.00	3.82	22.88	20.65	2.67	0.00	0.00	50.03
	2000	0.00	0.00	0.00	0.00	0.00	0.00	10.94	6.96	2.42	0.00	0.00	0.00	20.33
	2001	0.00	0.00	0.00	0.00	0.00	0.00	29.36	36.75	10.17	0.51	0.00	0.00	76.78
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.01	5.41	21.35	2.02	0.00	0.00	28.78
	2003	0.00	0.00	0.00	0.00	0.00	0.00	1.20	31.20	26.85	11.12	0.90	0.00	71.27
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.06	18.12	1.91	0.00	0.00	28.09
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.17	0.00	0.00	0.00	0.00	0.47
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.21	0.00	0.00	0.00	1.43
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.23	5.14	1.49	0.00	0.00	0.00	6.86
	2008	0.00	0.00	0.00	0.00	0.00	3.61	11.42	38.22	11.14	1.70	0.00	0.00	66.08
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.09	1.33	0.00	0.00	0.00	1.95
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.65	0.00	0.00	0.00	0.99
	% flow	**0.01**	**0.01**	**0.00**	**0.00**	**0.00**	**0.30**	**9.28**	**39.30**	**38.71**	**11.52**	**0.84**	**0.02**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.10**	**2.97**	**12.56**	**12.38**	**3.68**	**0.27**	**0.01**	**31.97**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Bhimsagar	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.77	33.28	8.69	0.19	0.00	43.94
	1974	0.00	0.00	0.00	0.00	0.00	0.00	2.30	10.84	18.26	9.51	2.36	0.00	43.27
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10	70.68	19.52	1.57	0.00	100.87
	1976	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.14	6.51	3.03	0.04	0.00	9.73
	1977	0.00	0.00	0.00	0.00	0.00	0.00	0.26	1.23	8.66	1.73	0.00	0.00	11.89
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	13.19	4.82	0.04	0.00	19.82
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.58	5.80	0.24	0.00	0.00	10.62
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.72	0.00	0.00	0.00	0.00	0.75
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.08
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.23	12.40	62.31	10.00	0.51	0.00	85.45
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	22.75	15.46	0.91	0.00	39.26
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	12.91	3.95	0.00	0.00	18.23
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.81	43.75	31.93	7.44	0.20	108.13
	1986	0.00	0.00	0.00	0.00	0.00	0.00	7.35	76.20	28.88	2.74	0.00	0.00	115.16
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.39	55.81	15.89	1.09	0.00	104.18
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.89	72.64	24.23	2.24	0.00	0.00	99.99
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.41	8.45	43.47	15.81	1.01	0.00	69.14
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.20	30.59	4.26	0.00	0.00	38.05
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.03	4.35	40.25	8.66	0.19	0.00	53.49
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.96	24.78	41.65	21.45	1.77	0.00	90.61
	1994	0.00	0.00	0.00	0.00	0.00	0.05	0.07	12.95	31.13	4.44	0.00	0.00	48.63
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	14.73	6.87	0.02	0.01	23.48
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.21	38.94	89.48	16.27	1.01	0.00	145.91
	1997	0.00	0.00	0.00	0.00	0.00	0.00	2.56	21.33	38.60	10.27	0.85	16.44	90.04
	1998	2.44	0.00	0.00	0.00	0.00	0.00	0.11	5.71	4.02	1.14	0.00	0.00	13.41
	1999	0.00	0.00	0.00	0.00	0.00	0.00	22.66	38.30	53.21	11.61	0.42	0.00	126.20
	2000	0.00	0.00	0.00	0.00	0.00	0.00	24.36	2.07	1.18	0.00	0.00	0.00	27.61
	2001	0.00	0.00	0.00	0.00	0.00	0.00	5.60	40.04	17.77	1.16	0.00	0.00	64.57
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.08
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	4.11	9.26	0.95	0.00	15.29
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.09	45.08	7.60	0.09	0.00	72.86
	2005	0.00	0.00	0.00	0.00	0.00	0.00	6.52	6.21	0.77	0.05	0.00	0.00	13.55
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.06	102.29	114.49	19.09	1.37	0.00	237.30
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	0.00	0.00	0.00	6.20
	2008	0.00	0.00	0.00	0.00	0.00	0.41	0.19	0.26	4.67	2.30	0.01	0.00	7.84
	2009	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.00	1.67	2.88	0.15	0.00	5.71
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.03	0.00	0.00	0.00	0.32
	% flow	**0.12**	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**3.87**	**29.64**	**50.47**	**13.91**	**1.12**	**0.85**	
Mean		**0.06**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**2.00**	**15.30**	**26.06**	**7.18**	**0.58**	**0.44**	**51.62**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bundi Ka Gothra	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.90	71.33	19.33	1.58	0.00	111.14
	1974	0.00	0.00	0.00	0.00	0.00	0.00	1.11	34.93	27.37	11.68	2.40	0.00	77.48
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	48.26	13.29	0.64	0.00	64.54
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.77	35.64	5.94	1.84	4.01	56.21
	1977	0.01	0.00	0.00	0.00	0.00	0.00	0.13	10.50	36.13	5.00	0.00	0.00	51.78
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	10.49	3.60	0.00	0.00	14.13
	1979	0.00	0.00	0.00	0.00	0.00	0.00	3.24	42.27	5.76	0.00	0.00	1.23	52.49
	1980	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31	1.81	0.00	0.00	0.00	5.12
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84	1.09	0.00	0.00	6.94
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.02	2.48	16.82	1.13	0.00	0.00	20.45
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.03
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.91	3.23	0.00	0.00	5.15
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85	14.67	4.95	0.03	0.00	23.51
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1994	0.00	0.00	0.00	0.00	0.00	0.00	0.02	13.34	29.99	3.64	0.00	0.00	46.98
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.66	4.03	0.00	0.00	7.69
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.44	44.97	7.68	0.06	0.00	74.15
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.24
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.02
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1.51	2.64	0.00	0.00	0.00	4.16
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.44	2.95	1.05	0.00	0.00	0.00	4.43
	2001	0.00	0.00	0.00	0.00	0.00	0.00	24.40	31.90	4.82	0.00	0.00	0.00	61.11
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.37	0.00	0.00	0.00	0.00	4.37
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.10	25.48	63.37	23.99	2.37	0.00	115.30
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	23.92	4.41	0.01	0.00	28.47
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.34	0.00	0.00	1.28
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	10.87	10.17	1.09	0.32	22.46
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.43**	**26.59**	**53.77**	**14.39**	**1.17**	**0.65**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.78**	**6.01**	**12.17**	**3.26**	**0.26**	**0.15**	**22.62**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Burdha Dam	1973	0.02	0.00	0.00	0.00	0.00	0.00	0.03	38.30	25.17	4.72	0.01	0.00	68.24
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.53	67.76	30.07	12.89	2.72	0.00	113.97
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.05	26.54	49.79	12.31	1.16	0.00	89.84
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	23.07	5.69	1.34	2.77	32.96
	1977	0.00	0.00	0.00	0.00	0.00	0.00	11.03	70.95	39.06	6.23	0.01	0.00	127.28
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.04	17.63	36.99	5.39	0.05	0.00	60.09
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.78	0.37	0.00	0.00	0.00	1.23
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.49	23.39	3.26	0.00	0.00	27.23
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.52	0.00	0.59
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.42	58.90	16.42	1.09	0.00	0.00	76.83
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.41	14.96	17.96	10.13	0.31	0.00	43.76
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	16.15	3.39	0.00	0.00	21.03
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.18	16.39	42.15	6.74	0.16	0.00	65.62
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	16.97	7.86	0.95	0.00	25.79
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.86	13.93	6.26	0.12	0.00	24.16
	1994	0.00	0.00	0.00	0.00	0.00	0.00	3.94	36.72	23.38	3.09	0.00	0.00	67.12
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.60	42.92	6.25	0.01	0.00	62.79
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.52	43.39	7.22	0.06	0.00	59.19
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.07	19.84	2.05	0.00	0.00	31.96
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.16	0.71	0.00	0.00	0.88
	2000	0.00	0.00	0.00	0.00	0.17	0.00	10.22	21.54	3.91	0.00	0.00	0.00	35.85
	2001	0.00	0.00	0.00	0.00	0.00	0.00	65.65	40.34	10.00	0.29	0.00	0.00	116.27
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.09
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.36	2.27	0.00	0.00	3.80
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.01	3.65	0.86	0.00	0.00	0.00	4.51
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	16.83	3.80	0.00	0.00	20.64
	2007	0.00	0.00	0.00	0.00	0.00	0.00	4.63	17.81	11.98	0.57	0.00	0.00	34.98
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.01	11.25	5.57	0.36	0.00	0.00	17.18
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.09	8.45	7.17	0.31	0.00	0.00	16.02
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.00**	**7.79**	**39.23**	**43.11**	**9.03**	**0.59**	**0.22**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.56**	**12.91**	**14.18**	**2.97**	**0.19**	**0.07**	**32.89**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Chhapi	1973	0.00	0.00	0.00	0.00	0.00	0.00	145.84	164.86	258.97	30.27	1.97	0.00	601.90
	1974	0.00	0.00	0.00	0.00	0.00	0.00	11.11	98.46	5.63	35.78	1.76	0.00	152.74
	1975	0.00	0.00	0.00	0.00	0.00	0.61	4.71	111.56	132.19	15.99	0.59	0.00	265.65
	1976	0.00	0.00	0.00	0.00	0.00	2.93	7.56	23.25	71.20	6.32	0.45	0.00	111.71
	1977	0.00	0.00	0.00	0.00	0.00	0.00	115.57	41.86	94.50	5.89	0.03	0.00	257.86
	1978	0.00	0.00	0.00	0.00	0.00	0.00	11.83	51.67	17.21	1.76	0.00	0.00	82.47
	1979	0.00	0.00	0.00	0.00	0.00	0.00	3.84	28.66	2.02	0.00	0.00	0.00	34.52
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.69	4.44	0.00	0.00	0.00	53.13
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.45	0.00	0.00	4.62	0.00	19.07
	1982	0.00	0.00	0.00	0.00	0.00	0.00	29.76	120.02	58.29	9.63	0.97	0.00	218.67
	1983	0.00	0.00	0.00	0.00	0.00	0.00	2.94	9.33	132.87	5.36	0.33	0.00	150.82
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.52	11.79	1.79	0.00	0.00	174.10
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.64	30.77	87.08	5.23	0.06	201.77
	1986	0.00	0.00	0.00	0.00	0.00	4.54	132.07	231.28	45.57	3.83	0.00	0.00	417.29
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	325.69	45.26	23.49	0.81	0.00	395.25
	1988	0.00	0.00	0.00	0.00	0.00	1.24	19.95	140.30	19.77	2.85	0.00	0.00	184.11
	1989	0.00	0.00	0.00	0.00	0.00	0.00	4.44	130.71	55.37	6.64	0.03	0.00	197.18
	1990	0.00	0.00	0.00	0.00	0.00	0.61	35.46	31.07	93.55	12.70	0.39	0.00	173.78
	1991	0.00	0.00	0.00	0.00	0.00	0.00	2.13	53.17	68.87	7.93	0.01	0.00	132.10
	1992	0.00	0.00	0.00	0.00	0.00	0.00	16.69	152.19	133.64	39.80	1.98	0.00	344.31
	1993	0.00	0.00	0.00	0.00	0.00	0.00	39.77	129.31	102.41	13.51	0.59	0.00	285.59
	1994	0.00	0.00	0.00	0.00	0.00	4.25	24.32	213.50	113.01	10.38	0.20	0.00	365.66
	1995	0.00	0.00	0.00	0.00	0.00	0.00	5.70	33.78	118.61	14.03	0.18	0.00	172.29
	1996	0.00	0.00	0.00	0.00	0.00	0.00	99.15	340.16	183.00	27.16	1.62	0.00	651.08
	1997	0.00	0.00	0.00	0.00	0.00	0.00	13.15	96.56	132.32	16.23	0.30	41.41	299.97
	1998	0.74	0.00	0.00	0.00	0.00	0.00	18.74	34.42	5.68	0.00	0.00	0.00	59.58
	1999	0.00	0.00	0.00	0.00	0.00	0.00	167.91	12.07	102.07	8.66	0.06	0.00	290.78
	2000	0.00	0.00	0.00	0.00	0.00	0.00	141.02	7.49	1.80	0.00	0.00	0.00	150.31
	2001	0.00	0.00	0.00	0.00	0.00	11.89	251.56	120.58	15.02	0.51	0.00	0.00	399.55
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.03	0.77	0.00	0.00	0.00	6.79
	2003	0.00	0.00	0.00	0.00	0.00	1.03	11.29	36.51	53.63	6.81	0.59	0.00	109.85
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.54	176.75	36.42	10.09	0.03	0.00	223.82
	2005	0.00	0.00	0.00	0.00	0.00	2.33	25.31	42.91	2.07	0.00	0.00	0.00	72.61
	2006	0.00	0.00	0.00	0.00	0.00	0.00	16.96	489.88	241.70	15.90	0.81	0.00	765.25
	2007	0.00	0.00	0.00	0.00	0.00	0.00	50.30	0.80	10.01	0.04	0.00	0.00	61.15
	2008	0.00	0.00	0.00	0.00	0.00	1.20	0.75	24.40	42.43	0.00	0.00	0.00	68.78
	2009	0.00	0.00	0.00	0.00	0.00	0.00	6.95	0.56	18.81	6.96	0.00	0.00	33.28
	2010	0.00	0.00	0.00	0.00	0.00	0.00	3.43	49.71	6.97	0.02	0.00	0.00	60.12
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.37**	**17.23**	**46.47**	**29.94**	**5.18**	**0.29**	**0.50**	
Mean		**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.81**	**37.39**	**100.84**	**64.96**	**11.25**	**0.62**	**1.09**	**216.97**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Chauli	1973	0.00	0.00	0.00	0.00	0.00	0.00	24.25	19.86	66.72	1.20	0.00	0.00	112.02
	1974	0.00	0.00	0.00	0.00	0.00	0.00	2.70	57.53	4.38	0.66	0.00	0.00	65.28
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.52	28.07	3.20	0.00	0.00	35.78
	1976	0.00	0.00	0.00	0.00	0.00	0.47	0.12	16.10	14.39	0.00	0.01	0.00	31.08
	1977	0.00	0.00	0.00	0.00	0.00	0.00	4.00	1.20	12.60	0.00	0.00	0.00	17.79
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.29	1.72	0.00	0.00	0.00	2.07
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	9.35	0.00	9.46
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	0.00	0.00	0.00	0.00	2.06
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.04	0.00	0.00	0.30	0.00	0.54
	1982	0.00	0.00	0.00	0.00	0.00	0.00	4.64	40.31	13.35	0.00	3.70	0.00	62.00
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.13	9.78	4.82	1.94	0.00	0.00	16.67
	1984	0.00	0.00	0.00	0.00	0.00	0.01	5.54	39.11	10.03	0.00	0.00	0.00	54.68
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.31	7.92	35.70	0.00	0.00	80.94
	1986	0.00	0.00	0.00	0.00	0.00	1.34	43.02	64.95	0.20	0.00	0.00	0.00	109.50
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.22	17.46	0.00	0.00	0.00	67.68
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.01	12.22	4.17	0.40	0.00	0.00	16.80
	1989	0.00	0.00	0.00	0.00	0.00	0.12	0.69	2.57	0.00	0.00	0.00	0.00	3.38
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.02	2.46	5.40	0.00	0.00	0.00	7.88
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.98	15.60	7.02	0.00	0.00	0.00	23.61
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.00	0.09	0.00	0.00	0.17
	1993	0.00	0.00	0.00	0.00	0.00	0.02	5.06	1.33	1.82	0.03	0.00	0.00	8.25
	1994	0.00	0.00	0.00	0.00	0.00	0.31	0.13	2.26	15.45	0.00	0.00	0.00	18.15
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.72	0.00	0.00	0.00	16.72
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3.96	32.36	38.85	0.00	0.00	0.00	75.17
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00	0.00	0.00	0.27	2.36
	1998	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.22	0.15	0.00	0.00	0.00	2.99
	1999	0.00	0.00	0.00	0.00	0.00	0.00	17.78	1.17	6.72	0.00	0.00	0.00	25.67
	2000	0.00	0.00	0.00	0.00	0.00	0.00	6.66	0.01	0.00	0.00	0.00	0.00	6.66
	2001	0.00	0.00	0.00	0.00	0.00	0.00	6.27	4.44	0.00	0.00	0.00	0.00	10.71
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.06
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.75	0.00	0.00	0.00	1.70
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.44	0.00	0.00	0.00	0.00	18.44
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.18
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.48	35.33	24.34	0.00	0.00	0.00	60.15
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	1.59	0.00	0.00	0.00	2.15
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.73
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.02	0.00	0.00	0.52
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.51	1.18	0.00	0.00	0.00	0.00	1.69
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.23**	**13.55**	**49.00**	**31.37**	**4.45**	**1.37**	**0.03**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.06**	**3.46**	**12.53**	**8.02**	**1.14**	**0.35**	**0.01**	**25.57**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Dugari	1973	0.03	0.01	0.00	0.00	0.00	0.00	2.19	61.71	25.36	4.74	0.20	0.01	94.24
	1974	0.00	0.00	0.00	0.00	0.00	0.00	5.54	44.60	8.86	7.78	2.40	0.05	69.23
	1975	0.00	0.00	0.00	0.00	0.00	0.00	1.67	53.92	40.00	9.40	0.86	0.01	105.85
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.01	8.70	17.03	4.01	0.81	1.25	31.81
	1977	0.00	0.00	0.00	0.00	0.00	2.18	25.81	34.58	16.00	2.08	0.01	0.00	80.66
	1978	0.00	0.00	0.00	0.00	0.00	0.00	6.27	14.94	18.68	2.38	0.02	0.00	42.30
	1979	0.00	0.36	0.00	0.00	0.00	0.00	4.64	12.62	2.69	0.31	0.01	0.01	20.64
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.72	0.83	0.00	0.00	0.00	1.62
	1981	0.00	0.00	0.00	0.00	0.00	0.00	10.83	20.94	4.79	1.20	0.01	0.00	37.78
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	7.51	1.44	0.01	0.00	8.98
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	12.48	3.23	0.07	0.00	16.95
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.03
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.00	0.00	0.04
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	0.01	0.00	0.00	0.00	0.22
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.47	14.28	2.21	0.02	0.00	16.98
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.49	12.13	1.85	0.01	0.00	17.49
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.21	0.01	0.00	0.00	0.00	0.23
	1994	0.00	0.00	0.00	0.00	0.00	0.00	0.01	19.08	13.25	1.53	0.01	0.00	33.87
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.01	4.76	16.59	2.18	0.01	0.00	23.55
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6.11	2.01	0.01	0.00	8.15
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.01	4.90	5.95	0.73	0.01	0.00	11.60
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.03
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.02	7.29	5.60	0.32	0.01	0.00	13.24
	2000	0.00	0.00	0.00	0.00	0.00	0.00	4.45	22.59	5.91	0.18	0.00	0.00	33.14
	2001	0.00	0.00	0.00	0.00	0.00	0.00	6.54	10.88	4.05	0.07	0.00	0.00	21.55
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.01	0.01	0.00	0.00	0.14
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	12.22	2.26	0.01	0.00	14.59
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.29	2.78	1.42	0.00	0.00	6.52
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.39	8.01	4.18	0.11	0.00	0.00	12.70
	2007	0.00	0.00	0.00	0.00	0.00	1.32	0.45	7.10	6.78	0.85	0.00	0.00	16.50
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.03
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	2.49	1.53	0.01	0.00	4.05
	% flow	**0.01**	**0.05**	**0.00**	**0.00**	**0.00**	**0.47**	**9.26**	**46.39**	**35.80**	**7.23**	**0.60**	**0.19**	
Mean		**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.09**	**1.81**	**9.09**	**7.02**	**1.42**	**0.12**	**0.04**	**19.60**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Gagrain	1973	0.02	0.00	0.00	0.00	0.00	0.00	78.56	216.12	454.64	53.14	6.18	0.19	808.84
	1974	0.00	0.00	0.00	0.00	0.00	0.00	12.14	180.69	17.53	3.04	0.00	0.00	213.39
	1975	0.00	0.00	0.00	0.00	0.00	0.00	2.29	45.91	98.00	12.14	0.53	0.00	158.87
	1976	0.00	0.00	0.00	0.00	0.00	0.37	10.86	65.25	78.07	7.60	0.53	0.00	162.69
	1977	0.00	0.00	0.00	0.00	0.00	0.08	7.52	33.96	13.68	3.13	0.00	0.00	58.38
	1978	0.00	0.00	0.00	0.00	0.00	0.00	14.55	58.95	63.82	8.85	0.14	0.01	146.32
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	1.03	0.00	0.27	0.00	1.36
	1980	0.00	0.00	0.00	0.00	0.00	0.00	1.23	10.52	2.13	0.00	0.00	0.00	13.87
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.02	0.35	0.34	0.53	0.00	7.23
	1982	0.00	0.00	0.00	0.00	0.00	0.00	14.12	28.18	0.45	0.12	0.78	0.00	43.65
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.01	89.33	11.83	4.05	0.00	0.00	105.21
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.09	58.20	12.41	2.15	0.00	0.00	72.85
	1985	0.00	0.00	0.00	0.00	0.00	0.00	2.18	26.89	29.16	3.16	0.00	0.00	61.39
	1986	0.00	0.00	0.00	0.00	0.00	0.00	106.25	115.39	35.02	2.47	0.00	0.00	259.13
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.85	1.94	2.16	0.02	0.00	49.97
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.76
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.40	1.66	0.00	0.00	0.00	0.00	2.06
	1990	0.00	0.00	0.00	0.00	0.00	0.51	8.32	12.69	17.94	0.00	0.00	0.00	39.46
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.08	48.48	1.05	0.45	0.00	0.00	50.06
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	3.80	0.00	0.00	3.81
	1993	0.00	0.00	0.00	0.00	0.00	0.00	9.65	12.94	1.57	0.00	0.00	0.00	24.15
	1994	0.00	0.00	0.00	0.00	0.00	0.00	1.81	62.78	17.12	0.65	0.00	0.00	82.36
	1995	0.00	0.00	0.00	0.00	0.00	0.00	15.85	0.18	107.46	5.55	0.13	0.00	129.17
	1996	0.00	0.00	0.00	0.00	0.00	0.00	14.40	27.43	59.07	23.21	0.95	0.00	125.07
	1997	0.00	0.00	0.00	0.00	0.00	0.00	8.56	61.23	7.15	1.44	0.11	7.49	85.98
	1998	0.05	0.00	0.00	0.00	0.00	0.00	0.00	6.27	4.74	0.00	0.00	0.00	11.06
	1999	0.00	0.00	0.00	0.00	0.00	0.00	110.78	9.78	35.80	6.34	0.02	0.00	162.71
	2000	0.00	0.00	0.00	0.00	0.11	0.00	56.54	1.70	0.01	0.00	0.00	0.00	58.36
	2001	0.00	0.00	0.00	0.00	0.00	0.07	12.49	33.05	0.00	0.00	0.00	0.00	45.61
	2002	0.00	0.00	0.00	0.00	0.00	0.00	1.09	4.42	8.16	0.00	0.00	0.00	13.67
	2003	0.00	0.00	0.00	0.00	0.00	0.02	0.00	3.50	7.48	0.00	0.00	0.00	11.00
	2004	0.00	0.00	0.00	0.00	0.00	0.05	1.53	150.04	12.25	5.25	0.02	0.00	169.13
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.01	5.95	1.30	0.00	0.00	0.00	7.26
	2006	0.00	0.00	0.00	0.00	0.00	0.00	13.02	70.28	109.82	12.39	0.21	0.00	205.72
	2007	0.00	0.00	0.00	0.00	0.00	0.01	39.86	49.04	8.21	0.03	0.00	0.00	97.14
	2008	0.00	0.00	0.00	0.00	0.00	0.78	8.12	1.38	3.93	0.00	0.00	0.00	14.22
	2009	0.00	0.00	0.00	0.00	0.00	0.00	26.70	22.54	12.44	7.32	0.00	0.00	69.00
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.03	5.64	0.15	0.00	0.00	0.00	6.82
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.05**	**16.24**	**43.95**	**34.54**	**4.72**	**0.29**	**0.21**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.05**	**15.29**	**41.37**	**32.52**	**4.44**	**0.27**	**0.20**	**94.15**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Galwaniyar	1973	0.06	0.01	0.00	0.00	0.00	0.00	36.59	72.83	23.06	4.89	0.51	0.00	137.94
	1974	0.00	0.00	0.00	0.00	0.00	0.00	46.93	43.36	12.58	3.24	0.47	0.00	106.58
	1975	0.00	0.00	0.00	0.00	0.00	0.00	16.22	63.83	26.91	5.46	0.66	0.01	113.07
	1976	0.00	0.00	0.00	0.00	0.00	0.00	10.43	37.85	19.17	4.22	0.36	0.00	72.03
	1977	0.00	0.00	0.00	0.00	0.00	0.00	48.83	61.44	23.10	5.15	0.51	0.00	139.03
	1978	0.00	0.00	0.00	0.00	0.00	0.00	35.06	19.88	6.94	0.89	0.00	0.00	62.78
	1979	0.00	0.00	0.00	0.00	0.00	0.00	50.01	31.71	6.36	0.73	0.00	0.00	88.81
	1980	0.00	0.00	0.00	0.00	0.00	0.00	10.42	23.82	4.14	0.34	0.00	0.00	38.72
	1981	0.00	0.00	0.00	0.00	0.00	0.00	59.11	65.51	13.12	2.04	0.08	0.00	139.87
	1982	0.00	0.00	0.00	0.00	0.00	0.00	5.12	21.71	12.31	1.88	0.05	0.00	41.07
	1983	0.00	0.00	0.00	0.00	0.00	0.00	4.62	26.86	21.23	4.67	0.48	0.00	57.87
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.39	11.57	1.67	0.04	0.00	16.66
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.71	5.09	0.53	0.00	0.00	13.33
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	6.26	3.03	0.20	0.00	10.94
	1988	0.00	0.00	0.00	0.00	0.00	0.00	2.02	19.82	8.65	1.38	0.01	0.00	31.88
	1989	0.00	0.00	0.00	0.00	0.00	0.00	2.94	10.50	6.61	0.73	0.00	0.00	20.79
	1990	0.00	0.00	0.00	0.00	0.00	0.00	29.76	38.36	8.01	1.14	0.00	0.00	77.27
	1991	0.00	0.00	0.00	0.00	0.00	0.00	12.96	47.41	29.55	5.36	0.62	0.00	95.90
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.19	22.51	8.15	1.16	0.00	0.00	32.02
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.65	7.70	1.58	0.03	0.00	34.96
	1994	0.00	0.00	0.00	0.00	0.00	0.00	14.43	41.94	13.80	2.24	0.08	0.00	72.49
	1995	0.00	0.00	0.00	0.00	0.00	0.00	20.03	60.05	33.44	5.99	0.73	0.00	120.24
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1998	0.00	0.00	0.00	0.00	0.00	0.00	17.13	21.71	7.18	0.91	0.00	0.00	46.93
	1999	0.00	0.00	0.00	0.00	0.00	0.00	1.10	20.25	4.40	0.40	0.00	0.00	26.14
	2000	0.00	0.00	0.00	0.00	0.00	0.00	6.58	23.18	8.41	1.18	0.00	0.00	39.35
	2001	0.00	0.00	0.00	0.00	0.00	0.00	15.25	13.10	3.37	0.21	0.00	0.00	31.92
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	6.12	28.69	14.51	2.96	0.19	0.00	52.47
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.09	15.34	16.06	2.56	0.12	0.00	34.17
	2005	0.00	0.00	0.00	0.00	0.00	0.00	2.72	12.37	2.06	0.05	0.00	0.00	17.20
	2006	0.00	0.00	0.00	0.00	0.00	0.00	3.15	21.02	6.39	0.77	0.00	0.00	31.33
	2007	0.00	0.00	0.00	0.00	0.00	0.00	10.54	9.24	4.68	0.38	0.00	0.00	24.84
	2008	0.00	0.00	0.00	0.00	0.00	0.00	2.29	7.93	0.92	0.00	0.00	0.00	11.14
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.81	8.28	2.30	0.09	0.00	0.00	11.48
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.25	22.53	12.72	2.47	0.10	0.00	39.07
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**25.01**	**50.32**	**20.67**	**3.72**	**0.28**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12.44**	**25.03**	**10.28**	**1.85**	**0.14**	**0.00**	**49.74**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Gopal Pura	1973	0.10	0.00	0.00	0.00	0.00	0.00	20.09	41.41	11.93	2.05	0.00	0.00	75.56
	1974	0.00	0.00	0.00	0.00	0.00	0.00	81.56	97.31	17.33	1.89	0.00	0.00	198.08
	1975	0.00	0.00	0.00	0.00	0.00	0.00	4.31	26.86	35.41	11.92	1.01	0.00	79.50
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.22	22.74	14.93	1.40	0.00	0.00	39.29
	1977	0.00	0.00	0.00	0.00	0.00	0.00	63.48	60.69	18.78	2.24	0.00	0.00	145.19
	1978	0.00	0.00	0.00	0.00	0.00	0.00	1.24	31.47	9.22	0.71	0.00	0.00	42.63
	1979	0.00	0.00	0.00	0.00	0.00	0.00	1.42	11.18	23.79	9.68	0.57	0.00	46.63
	1980	0.00	0.00	0.00	0.00	0.00	0.00	56.14	70.92	19.35	5.85	0.52	0.00	152.78
	1981	0.00	0.00	0.00	0.00	0.00	0.00	10.93	68.84	14.09	1.20	0.00	0.00	95.06
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	15.88	6.70	2.65	0.01	31.74
	1983	0.00	0.00	0.00	0.00	0.00	0.00	13.33	44.27	20.47	2.60	0.05	0.00	80.73
	1984	0.00	0.00	0.00	0.00	0.00	0.00	82.44	47.62	13.67	1.31	0.00	0.00	145.04
	1985	0.00	0.00	0.00	0.00	0.00	0.00	8.90	58.34	23.74	8.34	1.41	0.00	100.73
	1986	0.00	0.00	0.00	0.00	0.00	0.00	12.78	61.55	20.24	2.32	0.00	0.00	96.90
	1987	0.00	0.00	0.00	0.00	0.00	0.00	1.01	6.07	8.99	0.28	0.00	0.00	16.35
	1988	0.00	0.00	0.00	0.00	0.00	0.00	5.78	46.74	20.51	6.59	0.15	0.00	79.77
	1989	0.00	0.00	0.00	0.00	0.00	0.00	15.34	56.54	26.10	3.20	0.00	0.00	101.18
	1990	0.00	0.00	0.00	0.00	0.00	0.00	59.97	71.03	33.52	5.29	0.09	0.00	169.90
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1.55	37.66	15.08	1.26	0.00	0.00	55.54
	1992	0.00	0.00	0.00	0.00	0.00	0.00	7.85	47.09	18.01	5.63	0.17	0.00	78.75
	1993	0.00	0.00	0.00	0.00	0.00	0.00	76.42	74.41	23.56	3.06	0.00	0.00	177.43
	1994	0.00	0.00	0.00	0.00	0.00	0.00	65.86	111.96	32.69	5.39	0.09	0.00	215.98
	1995	0.00	0.00	0.00	0.00	0.00	0.00	54.85	98.24	33.00	4.53	0.02	0.00	190.64
	1996	0.00	0.00	0.00	0.00	0.00	0.00	13.52	76.31	60.94	11.67	0.88	0.00	163.32
	1997	0.00	0.00	0.00	0.00	0.00	0.00	17.01	80.00	36.88	8.93	0.37	0.00	143.20
	1998	0.00	0.00	0.00	0.00	0.00	0.00	5.31	62.38	25.16	3.27	0.00	0.00	96.12
	1999	0.00	0.00	0.00	0.00	0.00	0.00	52.82	84.18	31.34	5.41	0.07	0.00	173.82
	2000	0.00	0.00	0.00	0.00	0.00	0.00	107.11	54.72	8.97	0.38	0.00	0.00	171.18
	2001	0.00	0.00	0.00	0.00	0.00	0.00	167.08	74.38	17.58	1.87	0.00	0.00	260.90
	2002	0.00	0.00	0.00	0.00	0.00	0.00	8.59	70.92	31.05	4.05	0.03	0.00	114.65
	2003	0.00	0.00	0.00	0.00	0.00	0.00	12.33	78.85	30.85	8.23	0.55	0.00	130.80
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.44	18.73	19.63	2.01	0.00	0.00	40.81
	2005	0.00	0.00	0.00	0.00	0.00	0.00	32.97	45.13	7.64	0.54	0.00	0.00	86.28
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.20	6.42	0.89	0.00	0.00	7.59
	2007	0.00	0.00	0.00	0.00	0.00	0.00	10.58	25.13	18.45	2.45	0.00	0.00	56.61
	2008	0.00	0.00	0.00	0.00	0.00	0.38	91.07	85.90	18.93	4.26	0.04	0.00	200.57
	2009	0.00	0.00	0.00	0.00	0.00	0.00	20.78	35.06	11.46	2.59	0.00	0.00	69.88
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.79	4.14	4.38	0.05	0.00	0.00	10.35
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**28.66**	**48.18**	**19.32**	**3.62**	**0.21**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**31.24**	**52.51**	**21.05**	**3.95**	**0.23**	**0.00**	**108.99**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Gudha	1973	0.01	0.00	0.00	0.00	0.00	0.00	116.16	242.45	140.18	31.82	1.82	0.00	532.43
	1974	0.00	0.00	0.00	0.00	0.00	0.00	2.99	90.80	91.76	22.50	2.39	0.00	210.43
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.25	72.02	88.13	25.11	3.53	0.00	189.03
	1976	0.00	0.00	0.00	0.00	0.00	0.00	1.16	128.51	154.87	26.86	18.19	29.95	359.54
	1977	1.35	0.00	0.00	0.00	0.00	0.00	51.37	220.89	61.92	6.65	0.00	0.00	342.18
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.23	95.22	147.95	24.05	0.99	0.00	268.44
	1979	0.00	0.00	0.00	0.00	0.00	0.00	91.04	179.86	29.24	1.03	0.22	5.60	306.98
	1980	0.03	0.00	0.00	0.00	0.00	0.00	0.03	22.64	21.09	0.64	0.00	0.00	44.43
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.29	36.96	26.31	0.92	0.00	0.00	64.49
	1982	0.00	0.00	0.00	0.00	0.00	0.00	53.65	128.43	169.28	25.85	24.87	5.35	407.43
	1983	0.00	0.00	0.00	0.00	0.00	1.60	0.07	51.59	95.49	13.82	0.16	0.00	162.72
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.01	70.31	147.87	25.96	1.13	0.00	245.28
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	10.65	24.25	2.75	0.00	37.66
	1986	0.00	0.00	0.00	0.00	0.00	0.00	273.47	449.17	97.87	13.71	0.06	0.00	834.27
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.24	23.14	114.90	28.69	1.58	1.06	169.61
	1988	0.15	0.00	0.00	0.00	0.00	0.00	0.86	93.05	59.51	5.39	0.00	0.00	158.96
	1989	0.00	0.00	0.00	0.00	0.00	0.00	86.94	160.65	110.55	16.68	0.21	0.00	375.04
	1990	0.00	0.00	0.00	0.00	0.00	0.00	114.34	325.43	131.54	37.63	2.66	0.00	611.61
	1991	0.00	0.00	0.00	0.00	0.00	0.00	47.35	357.30	224.55	41.41	3.75	0.00	674.35
	1992	0.00	0.00	0.00	0.00	0.00	0.00	63.13	179.40	120.89	22.98	0.61	0.00	387.01
	1993	0.00	0.00	0.00	0.00	0.00	0.00	113.32	156.55	66.51	12.14	0.01	0.00	348.54
	1994	0.00	0.00	0.00	0.00	0.00	0.00	455.33	254.56	99.56	17.44	0.23	0.00	827.11
	1995	0.00	0.00	0.00	0.00	0.00	0.00	67.60	279.89	176.59	29.68	1.47	0.00	555.23
	1996	0.00	0.00	0.00	0.00	0.00	0.00	25.00	249.15	211.33	39.00	2.77	0.00	527.23
	1997	0.00	0.00	0.00	0.00	0.00	0.00	29.65	361.32	130.74	27.03	0.79	0.00	549.52
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.81	40.82	52.88	31.39	1.90	0.00	127.79
	1999	0.00	0.00	0.00	0.00	0.00	0.00	34.53	192.66	34.50	2.12	0.00	0.00	263.81
	2000	0.00	0.00	0.00	0.00	0.00	0.00	388.37	153.50	21.10	0.33	0.00	0.00	563.30
	2001	0.00	0.00	0.00	0.00	0.00	0.00	425.87	118.73	20.65	11.81	1.95	0.00	579.01
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.10	11.33	0.86	0.00	0.00	13.47
	2003	0.00	0.00	0.00	0.00	0.00	0.00	20.63	55.23	90.31	52.55	4.68	0.00	223.40
	2004	0.00	0.00	0.00	0.00	0.00	0.00	5.31	343.91	211.84	59.70	6.51	0.00	627.28
	2005	0.00	0.00	0.00	0.00	0.00	0.00	13.87	116.08	34.84	15.47	0.12	0.00	180.37
	2006	0.00	0.00	0.00	0.00	0.00	0.00	10.93	213.42	188.18	30.78	1.37	0.00	444.67
	2007	0.00	0.00	0.00	0.00	0.00	0.00	75.56	51.80	4.81	0.00	0.00	0.00	132.17
	2008	0.00	0.00	0.00	0.00	0.00	0.00	5.02	77.51	57.15	20.28	0.44	0.00	160.41
	2009	0.00	0.00	0.00	0.00	0.00	0.00	50.73	146.11	49.46	4.51	0.00	0.00	250.80
	2010	0.00	0.00	0.00	0.00	0.00	0.00	10.51	152.19	130.56	22.54	1.11	0.01	316.92
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**20.17**	**45.07**	**27.82**	**5.92**	**0.68**	**0.32**	
Mean		**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**0.04**	**69.39**	**155.06**	**95.71**	**20.36**	**2.32**	**1.10**	**344.02**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Harishchandra Sagar MCM_Final_out	1973	0.23	0.00	0.00	0.00	0.00	0.26	1747.39	2230.84	6907.68	347.39	30.79	0.01	11264.59
	1974	0.00	0.00	0.00	0.00	0.00	0.00	294.09	3546.20	298.60	299.18	62.05	1.42	4501.54
	1975	0.00	0.00	0.00	0.00	0.00	0.08	39.51	1207.96	2188.17	234.07	12.52	0.00	3682.29
	1976	0.00	0.00	0.00	0.00	0.00	22.31	140.16	1630.07	1198.02	81.45	7.87	1.12	3081.01
	1977	0.00	0.00	0.00	0.00	0.00	0.05	265.75	663.98	754.01	56.89	1.05	0.00	1741.72
	1978	0.00	0.00	0.00	0.00	0.00	0.00	237.36	960.47	611.97	36.35	0.02	0.06	1846.23
	1979	0.00	0.00	0.00	0.00	0.00	0.00	4.89	183.04	50.00	2.30	119.88	19.00	379.11
	1980	0.98	0.00	0.00	0.00	0.00	0.00	5.27	277.21	158.55	3.29	0.00	0.00	445.31
	1981	0.00	0.00	0.00	0.00	0.00	0.00	26.59	126.45	7.72	4.58	42.98	0.10	208.40
	1982	0.00	0.00	0.00	0.00	0.00	0.00	287.39	1166.71	458.78	64.01	148.68	15.14	2140.72
	1983	0.10	0.00	0.00	0.00	0.00	1.21	25.13	1630.88	462.93	133.63	2.73	0.00	2256.61
	1984	0.00	0.00	0.00	0.00	0.00	3.56	110.22	1686.86	429.75	53.43	0.55	0.00	2284.37
	1985	0.00	0.00	0.00	0.00	0.00	0.00	20.71	1099.22	605.75	897.26	127.22	8.88	2759.03
	1986	0.00	0.00	0.00	0.00	0.00	36.57	2734.65	2592.42	420.68	46.82	0.01	0.00	5831.15
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1605.43	416.53	320.07	91.50	6.93	2440.47
	1988	0.00	0.00	0.00	0.00	0.00	11.81	24.83	432.56	177.53	84.75	2.70	0.00	734.18
	1989	0.00	0.00	0.00	0.00	0.00	7.37	39.05	235.75	93.08	8.96	0.00	0.00	384.22
	1990	0.00	0.00	0.00	0.00	0.00	4.95	141.90	344.71	645.93	103.92	5.02	0.00	1246.42
	1991	0.00	0.00	0.00	0.00	0.00	0.00	60.69	1280.54	494.81	56.97	0.32	0.00	1893.34
	1992	0.00	0.00	0.00	0.00	0.00	0.00	17.88	92.57	149.56	198.60	20.54	0.04	479.18
	1993	0.00	0.00	0.00	0.00	0.00	7.43	354.62	520.68	486.00	146.96	7.49	0.00	1523.18
	1994	0.00	0.00	0.00	0.00	0.00	14.42	187.33	1610.25	839.29	59.92	0.06	0.00	2711.27
	1995	0.00	0.00	0.00	0.00	0.00	0.00	249.87	33.08	1970.44	59.89	1.25	0.00	2314.52
	1996	0.00	0.00	0.00	0.00	0.00	0.00	379.26	1911.04	1620.26	221.32	14.24	0.00	4146.11
	1997	0.00	0.00	0.00	0.00	0.00	32.19	128.94	1229.92	438.83	56.81	2.81	183.31	2072.80
	1998	3.06	0.00	0.00	0.00	0.00	0.00	71.11	124.52	107.72	22.04	0.43	0.00	328.89
	1999	0.00	0.44	0.00	0.00	0.00	0.00	2380.56	282.84	682.21	89.35	1.51	0.00	3436.91
	2000	0.00	0.00	0.00	0.00	0.01	0.00	1464.01	74.59	54.30	2.00	0.00	0.00	1594.92
	2001	0.00	0.00	0.00	0.00	0.00	5.74	738.70	1063.06	152.93	8.16	0.00	0.00	1968.59
	2002	0.00	0.00	0.00	0.00	0.00	1.01	12.07	85.74	147.95	0.00	0.00	0.00	246.77
	2003	0.00	0.00	0.00	0.00	0.00	0.01	3.57	104.59	282.53	31.53	1.37	0.00	423.60
	2004	0.00	0.00	0.00	0.00	0.00	0.00	11.63	3061.41	335.41	93.02	0.39	0.00	3501.85
	2005	0.00	0.00	0.00	0.00	0.00	0.38	15.13	162.12	54.95	5.96	0.00	0.00	238.54
	2006	0.00	0.00	0.00	0.00	0.00	0.67	250.91	2406.01	1871.17	119.00	2.92	0.00	4650.68
	2007	0.00	0.00	0.00	0.00	0.00	0.00	855.21	721.56	164.33	10.12	0.00	0.00	1751.23
	2008	0.00	0.00	0.00	0.00	0.00	5.61	145.76	66.72	89.29	4.84	0.00	0.00	312.23
	2009	0.00	0.00	0.00	0.00	0.00	0.00	466.04	333.19	192.72	99.69	0.16	0.00	1091.80
	2010	0.00	0.00	0.00	0.00	0.00	0.00	49.07	226.94	58.11	16.78	0.00	0.00	350.90
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.19**	**17.00**	**44.99**	**31.70**	**4.96**	**0.86**	**0.29**	
Mean		**0.11**	**0.01**	**0.00**	**0.00**	**0.00**	**4.10**	**368.09**	**974.00**	**686.28**	**107.40**	**18.66**	**6.21**	**2164.86**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Jawahar Sagar Dam MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.51	2535.11	6184.43	10326.53	1647.75	129.81	0.00	20824.13
	1974	0.00	0.00	0.00	0.00	0.00	0.00	130.17	4392.58	479.78	544.25	14.25	0.00	5561.02
	1975	0.00	0.00	0.00	0.00	0.00	28.12	86.81	1013.77	2128.29	490.42	11.64	0.00	3759.05
	1976	0.00	0.00	0.00	0.00	0.00	38.28	440.06	4601.49	4528.22	571.04	234.58	131.43	10545.10
	1977	2.23	0.00	0.00	0.00	0.00	19.40	450.51	2282.00	2928.96	236.96	0.37	0.00	5920.43
	1978	0.00	0.00	0.00	0.00	0.00	0.00	504.08	4705.95	2615.33	304.80	2.44	10.61	8143.20
	1979	0.00	0.00	0.00	0.00	0.00	68.22	33.35	2251.46	237.56	3.50	48.78	75.18	2718.05
	1980	1.92	0.00	0.00	0.00	0.00	59.62	136.25	1559.36	765.68	36.08	0.00	0.00	2558.91
	1981	0.00	0.00	0.00	0.00	0.00	4.59	252.68	2325.66	837.99	129.07	69.98	0.15	3620.12
	1982	0.00	0.00	0.00	0.02	0.00	0.00	603.98	982.44	428.46	58.15	250.21	9.20	2332.45
	1983	0.00	0.00	0.00	0.00	0.00	31.42	144.10	1521.60	472.00	174.20	1.74	0.00	2345.06
	1984	0.00	0.00	0.00	0.00	0.00	0.00	34.34	5935.33	1027.73	110.40	0.16	0.00	7107.96
	1985	0.00	0.00	0.00	0.00	0.00	0.00	5.38	422.65	447.12	976.55	84.89	0.84	1937.42
	1986	0.00	0.00	0.00	0.00	0.00	0.00	3018.56	3907.79	1143.59	78.05	0.00	0.00	8147.98
	1987	0.00	0.00	0.00	0.00	0.00	1.69	5.67	2287.62	284.60	323.02	23.20	2.12	2927.91
	1988	0.00	0.00	0.00	0.00	0.00	41.78	230.45	2287.62	716.17	2047.64	12.32	0.00	5335.98
	1989	0.00	0.00	0.00	0.00	0.00	0.01	45.96	1049.13	1306.11	107.62	0.11	0.00	2508.94
	1990	0.00	0.00	0.00	0.00	0.00	0.00	499.79	3048.02	3278.88	617.10	21.42	0.00	7465.21
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1315.63	2118.08	1396.83	123.39	1.26	0.00	4955.20
	1992	0.00	0.00	0.00	0.00	0.00	0.00	145.73	346.59	1140.22	344.71	13.77	0.38	1991.40
	1993	0.00	0.00	0.00	0.00	0.00	24.32	1949.07	2146.47	1353.54	287.66	1.89	0.00	5762.95
	1994	0.00	0.00	0.00	0.00	0.00	93.88	870.48	6430.84	5329.15	544.52	14.92	0.00	13283.79
	1995	2.35	0.00	0.00	0.00	0.00	0.00	2261.11	1335.18	3942.43	317.66	1.72	0.00	7860.44
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3717.62	2655.37	3613.25	691.83	18.24	0.00	10696.30
	1997	0.00	0.00	0.00	0.00	0.00	2.41	2254.14	3329.25	1849.91	207.92	33.33	595.14	8272.11
	1998	4.71	0.00	0.00	0.00	0.00	1.51	578.27	750.49	3561.41	541.84	18.92	0.00	5457.15
	1999	0.00	0.00	0.00	0.00	0.00	85.85	861.11	345.78	2277.59	440.60	4.30	0.00	4015.22
	2000	0.00	0.00	0.00	0.00	0.00	0.00	438.99	180.93	18.98	0.00	0.00	0.00	638.90
	2001	0.00	0.00	0.00	0.00	0.00	13.66	886.55	714.60	94.32	14.01	0.08	0.00	1723.21
	2002	0.00	0.00	0.00	0.00	0.00	25.59	2.45	233.05	791.08	0.00	0.00	0.00	1052.17
	2003	0.00	0.00	0.00	0.00	0.00	44.04	1150.11	533.27	1261.01	516.93	30.69	0.00	3536.04
	2004	0.00	0.00	0.00	0.00	0.00	0.71	80.97	4435.43	1636.59	349.26	7.75	0.00	6510.71
	2005	0.00	0.00	0.00	0.00	0.00	2.46	752.36	1316.43	1139.70	311.50	14.82	0.00	3537.28
	2006	0.00	0.00	0.00	0.00	0.00	7.28	1334.92	6141.57	2685.31	334.26	58.29	0.00	10561.64
	2007	0.00	0.00	0.00	0.00	0.00	1.35	628.09	2050.85	515.55	241.49	2.07	0.66	3440.05
	2008	0.00	0.00	0.00	0.00	0.00	33.72	335.60	3958.68	995.07	529.52	2.08	0.07	5854.74
	2009	0.00	0.00	0.00	0.00	0.00	9.21	312.84	870.75	769.05	127.87	1.84	0.00	2091.55
	2010	0.00	0.00	0.00	0.00	0.00	0.10	966.64	2815.00	1874.53	228.28	44.12	10.59	5939.25
	% flow	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.30**	**14.22**	**44.31**	**33.28**	**6.93**	**0.56**	**0.40**	
Mean		**0.30**	**0.00**	**0.00**	**0.00**	**0.00**	**16.84**	**789.47**	**2459.67**	**1847.33**	**384.47**	**30.95**	**22.01**	**5551.03**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Kota Barrage MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.22	2532.70	6192.46	10339.49	1648.29	128.30	0.00	20841.46
	1974	0.00	0.00	0.00	0.00	0.00	0.00	129.85	4422.04	495.59	547.73	13.86	0.00	5609.07
	1975	0.00	0.00	0.00	0.00	0.00	27.71	85.12	1017.26	2155.77	495.24	11.05	0.00	3792.14
	1976	0.00	0.00	0.00	0.00	0.00	37.53	438.45	4601.49	4530.82	570.23	233.54	130.14	10542.21
	1977	2.03	0.00	0.00	0.00	0.00	18.53	452.11	2314.67	2949.70	238.16	0.36	0.00	5975.56
	1978	0.00	0.00	0.00	0.00	0.00	0.00	501.93	4711.31	2628.29	305.34	2.25	9.41	8158.52
	1979	0.00	0.00	0.00	0.00	0.00	67.00	31.87	2249.32	234.73	2.96	48.32	73.60	2707.81
	1980	1.69	0.00	0.00	0.00	0.00	58.29	134.46	1556.69	762.83	34.63	0.00	0.00	2548.59
	1981	0.00	0.00	0.00	0.00	0.00	4.29	250.38	2323.78	835.40	127.12	68.38	0.04	3609.38
	1982	0.00	0.00	0.00	0.00	0.00	0.00	603.18	980.83	428.98	57.64	248.39	8.64	2327.65
	1983	0.00	0.00	0.00	0.00	0.00	31.39	141.61	1519.99	469.67	171.90	1.44	0.00	2336.00
	1984	0.00	0.00	0.00	0.00	0.00	0.00	32.60	5932.66	1025.40	108.26	0.01	0.00	7098.91
	1985	0.00	0.00	0.00	0.00	0.00	0.00	5.28	420.78	444.79	974.67	83.15	0.61	1929.27
	1986	0.00	0.00	0.00	0.00	0.00	0.00	3018.56	3923.86	1150.85	76.87	0.00	0.00	8170.13
	1987	0.00	0.00	0.00	0.00	0.00	1.42	4.89	2286.55	282.01	320.87	21.84	1.70	2919.28
	1988	0.00	0.00	0.00	0.00	0.00	41.68	229.62	2287.62	717.21	2049.24	11.63	0.00	5336.99
	1989	0.00	0.00	0.00	0.00	0.00	0.00	44.89	1048.06	1303.26	105.32	0.02	0.00	2501.54
	1990	0.00	0.00	0.00	0.00	0.00	0.00	497.65	3048.02	3278.88	615.23	20.47	0.00	7460.24
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1314.83	2118.35	1410.31	125.00	0.92	0.00	4969.40
	1992	0.00	0.00	0.00	0.00	0.00	0.00	145.52	344.44	1139.96	343.37	12.40	0.24	1985.94
	1993	0.00	0.00	0.00	0.00	0.00	23.06	1946.66	2144.86	1353.28	286.32	1.70	0.00	5755.89
	1994	0.00	0.00	0.00	0.00	0.00	92.90	869.14	6436.20	5336.93	543.98	14.20	0.00	13293.34
	1995	2.04	0.00	0.00	0.00	0.00	0.00	2260.03	1335.72	3963.17	318.73	1.42	0.00	7881.10
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3717.62	2654.56	3631.39	693.97	17.21	0.00	10714.75
	1997	0.00	0.00	0.00	0.00	0.00	2.15	2252.80	3329.25	1850.43	206.37	32.82	593.53	8267.35
	1998	4.37	0.00	0.00	0.00	0.00	1.11	575.86	748.35	3558.82	539.43	18.03	0.00	5445.96
	1999	0.00	0.00	0.00	0.00	0.00	85.15	859.23	343.37	2275.52	438.45	3.81	0.00	4005.53
	2000	0.00	0.00	0.00	0.00	0.04	0.00	446.22	181.73	17.98	0.00	0.00	0.00	645.97
	2001	0.00	0.00	0.00	0.00	0.00	13.25	909.59	735.22	96.73	12.29	0.00	0.00	1767.08
	2002	0.00	0.00	0.00	0.00	0.00	24.92	2.09	231.49	789.01	0.00	0.00	0.00	1047.51
	2003	0.00	0.00	0.00	0.00	0.00	43.29	1148.23	530.86	1258.93	514.52	29.65	0.00	3525.48
	2004	0.00	0.00	0.00	0.00	0.00	0.40	79.92	4432.75	1634.00	347.12	7.08	0.00	6501.28
	2005	0.00	0.00	0.00	0.00	0.00	2.03	750.76	1314.02	1137.37	309.36	13.71	0.00	3527.24
	2006	0.00	0.00	0.00	0.00	0.00	6.63	1333.31	6138.89	2685.31	332.39	56.97	0.00	10553.50
	2007	0.00	0.00	0.00	0.00	0.00	0.86	626.21	2050.85	514.77	238.99	1.63	0.42	3433.74
	2008	0.00	0.00	0.00	0.00	0.00	32.84	333.73	3958.68	993.51	527.38	1.64	0.00	5847.78
	2009	0.00	0.00	0.00	0.00	0.00	8.50	310.43	869.68	767.49	125.70	1.29	0.00	2083.09
	2010	0.00	0.00	0.00	0.00	0.00	0.01	964.76	2812.32	1871.94	225.79	42.64	9.92	5927.38
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.30**	**14.21**	**44.33**	**33.32**	**6.91**	**0.54**	**0.39**	
Mean		**0.27**	**0.00**	**0.00**	**0.00**	**0.00**	**16.45**	**789.00**	**2461.81**	**1850.54**	**383.65**	**30.27**	**21.80**	**5553.79**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Lhasi	1973	0.01	0.01	0.01	0.00	0.00	0.00	3.84	13.25	12.91	6.54	1.00	0.01	37.58
	1974	0.01	0.01	0.01	12.26	0.01	0.01	0.01	0.01	5.59	7.04	1.50	0.03	26.47
	1975	0.01	0.01	0.01	0.01	0.01	2.23	0.01	10.82	14.08	6.42	0.96	0.01	34.56
	1976	0.01	0.01	0.01	0.01	0.01	0.10	2.09	5.03	3.56	1.60	0.03	0.01	12.45
	1977	0.01	0.01	0.01	0.01	0.01	0.00	5.41	6.65	4.29	2.55	0.04	0.01	18.98
	1978	0.01	0.01	0.01	0.01	0.01	0.00	3.38	6.59	9.12	3.11	0.02	0.01	22.27
	1979	0.01	0.01	0.01	0.01	0.01	0.01	0.03	2.65	2.38	0.16	0.01	0.04	5.30
	1980	0.02	0.01	0.00	0.00	0.00	0.25	2.58	7.08	5.47	0.88	0.01	0.01	16.30
	1981	0.01	0.01	0.01	0.00	0.00	0.00	2.61	15.76	8.10	1.83	0.16	0.06	28.55
	1982	0.01	0.01	0.01	0.01	0.01	0.01	0.53	17.35	23.47	7.68	1.20	0.02	50.29
	1983	0.01	0.01	0.01	0.01	0.01	0.01	0.07	4.16	6.62	3.95	0.35	0.01	15.20
	1984	0.01	0.01	0.01	0.01	0.01	0.48	0.48	3.79	8.12	3.52	0.21	0.01	16.64
	1985	0.01	0.01	0.01	0.01	0.01	0.00	0.01	16.33	16.80	12.69	1.00	1.04	47.92
	1986	0.02	0.01	0.01	0.01	0.01	0.08	5.80	18.69	9.82	2.22	0.02	0.01	36.70
	1987	0.01	0.01	0.01	0.01	0.01	0.01	0.14	12.62	16.43	7.99	2.37	0.03	39.63
	1988	0.01	0.01	0.01	0.01	0.01	0.03	6.20	9.19	7.23	1.89	0.02	0.01	24.61
	1989	0.01	0.01	0.01	0.01	0.01	0.01	0.43	3.23	6.39	2.10	0.02	0.01	12.22
	1990	0.01	0.01	0.01	0.00	0.00	0.01	1.70	5.55	3.99	4.66	0.67	0.01	16.62
	1991	0.01	0.01	0.01	0.01	0.01	0.00	2.86	17.15	14.07	4.48	0.34	0.01	38.95
	1992	0.01	0.01	0.01	0.01	0.01	0.01	0.04	3.14	5.19	2.53	0.44	0.02	11.40
	1993	0.01	0.01	0.01	0.01	0.00	0.03	3.51	6.64	8.90	8.48	1.83	0.02	29.45
	1994	0.01	0.01	0.01	0.01	0.01	0.01	7.62	10.97	8.39	2.85	0.02	0.01	29.91
	1995	0.01	0.01	0.01	0.01	0.01	0.01	1.35	13.91	13.04	4.96	0.46	0.01	33.77
	1996	0.01	0.01	0.01	0.01	0.01	0.01	0.46	11.03	17.25	6.58	1.03	0.01	36.40
	1997	0.01	0.01	0.01	0.01	0.01	0.01	0.67	7.46	6.76	2.00	0.11	5.73	22.79
	1998	3.38	0.62	0.01	0.01	0.01	0.01	3.29	7.90	7.12	1.84	0.02	0.01	24.22
	1999	0.01	0.01	0.01	0.01	0.01	0.04	4.09	15.62	9.89	4.36	0.41	0.01	34.45
	2000	0.01	0.01	0.01	0.01	0.01	0.01	15.28	13.81	4.21	0.37	0.01	0.01	33.73
	2001	0.01	0.01	0.01	0.01	0.01	0.01	4.72	7.31	5.77	1.11	0.01	0.01	18.96
	2002	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.28	0.32	0.02	0.00	0.00	0.66
	2003	0.00	0.00	0.00	0.00	0.00	0.01	1.77	3.03	5.49	4.17	0.24	0.01	14.73
	2004	0.01	0.00	0.00	0.00	0.00	0.00	1.24	10.00	12.07	3.63	0.02	0.01	26.99
	2005	0.01	0.01	0.01	0.01	0.01	0.02	10.85	11.45	3.94	1.10	0.03	0.01	27.42
	2006	0.01	0.01	0.01	0.01	0.01	0.01	0.18	8.34	7.44	2.55	0.02	0.01	18.58
	2007	0.01	0.01	0.01	0.01	0.01	0.52	6.56	4.70	4.98	1.68	0.02	0.01	18.50
	2008	0.01	0.01	0.01	0.01	0.01	1.05	6.51	10.54	6.62	3.60	0.06	0.01	28.42
	2009	0.01	0.01	0.01	0.01	0.01	0.01	3.24	7.66	7.83	3.97	0.41	0.02	23.17
	2010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.46	6.38	4.07	0.42	0.01	12.37
	% flow	**0.40**	**0.10**	**0.04**	**1.33**	**0.03**	**0.53**	**11.57**	**34.96**	**33.79**	**14.91**	**1.64**	**0.77**	
Mean		**0.10**	**0.03**	**0.01**	**0.33**	**0.01**	**0.13**	**2.88**	**8.71**	**8.42**	**3.72**	**0.41**	**0.19**	**24.93**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Mansarovar	1973	0.03	0.01	0.00	0.00	0.00	0.00	2.92	25.25	14.18	1.84	0.05	0.01	44.29
	1974	0.00	0.00	0.00	0.00	0.00	0.24	7.10	19.08	3.60	1.75	0.07	0.01	31.86
	1975	0.00	0.01	0.00	0.00	0.01	0.44	5.51	28.02	19.98	3.80	0.18	0.02	57.97
	1976	0.00	0.00	0.00	0.00	0.00	3.28	1.90	8.50	5.18	0.47	0.02	0.01	19.35
	1977	0.05	0.01	0.00	0.01	0.06	0.40	10.05	21.32	11.20	3.04	0.12	0.01	46.26
	1978	0.00	0.00	0.00	0.00	0.00	1.44	8.26	15.39	10.51	1.16	0.02	0.01	36.79
	1979	0.00	0.00	0.00	0.00	0.00	0.74	14.52	9.92	0.92	0.03	0.01	0.00	26.14
	1980	0.00	0.00	0.00	0.00	0.00	1.12	3.07	11.02	3.92	0.25	0.02	0.01	19.40
	1981	0.00	0.00	0.00	0.00	0.00	0.30	4.49	7.64	1.70	0.05	0.01	0.00	14.19
	1982	0.00	0.00	0.00	0.00	0.00	0.03	1.24	3.71	0.53	0.05	0.01	0.00	5.57
	1983	0.00	0.00	0.00	0.35	0.19	0.36	3.52	4.86	15.53	3.38	0.22	0.01	28.43
	1984	0.02	0.00	0.00	0.00	0.00	0.17	0.63	2.61	0.69	0.04	0.01	0.00	4.17
	1985	0.00	0.00	0.00	0.02	0.00	0.17	2.69	2.31	0.11	1.09	0.03	0.03	6.46
	1986	0.03	0.22	0.01	0.00	0.10	0.61	4.04	9.01	5.30	0.65	0.02	0.01	19.98
	1987	0.00	0.00	0.00	0.00	0.00	0.00	1.29	2.83	1.81	0.07	0.02	0.01	6.04
	1988	0.00	0.00	0.00	0.00	0.00	1.13	7.86	34.50	18.04	2.61	0.08	0.01	64.23
	1989	0.00	0.00	0.00	0.00	0.00	0.00	3.30	4.50	8.29	1.22	0.03	0.01	17.35
	1990	0.00	0.00	0.00	0.00	0.00	0.22	10.67	2.86	0.15	0.01	0.00	0.00	13.91
	1991	0.00	0.00	0.00	0.00	0.00	0.00	4.88	25.81	39.30	6.52	0.70	0.02	77.23
	1992	0.01	0.00	0.00	0.00	0.00	0.12	2.51	9.36	5.77	0.51	0.02	0.01	18.30
	1993	0.00	0.00	0.00	0.00	0.00	0.99	1.36	2.01	1.56	0.09	0.02	0.01	6.02
	1994	0.00	0.00	0.00	0.00	0.00	1.19	5.64	18.99	5.80	0.57	0.02	0.01	32.21
	1995	0.00	0.00	0.00	0.00	0.00	0.00	3.82	28.50	15.34	1.89	0.04	0.01	49.59
	1996	0.00	0.00	0.00	0.00	0.00	0.00	2.22	8.42	11.06	1.56	0.04	0.01	23.30
	1997	0.00	0.00	0.00	0.00	0.00	0.15	1.41	6.14	11.53	2.02	0.05	0.01	21.31
	1998	0.00	0.00	0.00	0.00	0.00	0.18	4.16	8.00	12.23	2.17	0.08	0.01	26.84
	1999	0.00	0.00	0.00	0.00	0.00	1.16	2.24	3.12	6.89	0.88	0.02	0.01	14.31
	2000	0.00	0.00	0.00	0.00	0.00	0.00	3.45	0.88	0.18	0.02	0.01	0.00	4.54
	2001	0.00	0.00	0.00	0.00	0.00	0.33	0.12	1.79	0.08	0.02	0.01	0.00	2.34
	2002	0.00	0.00	0.00	0.00	0.00	0.59	0.11	1.67	0.06	0.01	0.00	0.00	2.45
	2003	0.00	0.00	0.00	0.00	0.00	0.08	0.89	2.06	0.68	0.04	0.01	0.00	3.75
	2004	0.00	0.00	0.00	0.00	0.00	0.56	0.11	7.01	5.56	1.71	0.05	0.01	15.01
	2005	0.00	0.00	0.00	0.00	0.00	0.00	8.72	7.63	1.19	0.04	0.01	0.00	17.59
	2006	0.00	0.00	0.00	0.00	0.00	0.94	3.17	13.36	5.30	0.42	0.02	0.01	23.20
	2007	0.00	0.00	0.00	0.00	0.00	0.56	3.01	1.33	0.76	0.04	0.01	0.00	5.71
	2008	0.00	0.00	0.00	0.00	0.00	1.41	4.08	3.63	2.27	0.20	0.02	0.01	11.62
	2009	0.00	0.00	0.00	0.00	0.00	0.04	1.31	1.64	0.79	0.04	0.01	0.00	3.83
	2010	0.00	0.00	0.00	0.00	0.00	0.31	1.14	2.50	3.26	0.12	0.03	0.01	7.37
	% flow	**0.02**	**0.03**	**0.00**	**0.04**	**0.04**	**2.32**	**17.78**	**44.29**	**30.31**	**4.87**	**0.25**	**0.03**	
Mean		**0.00**	**0.01**	**0.00**	**0.01**	**0.01**	**0.51**	**3.88**	**9.66**	**6.61**	**1.06**	**0.05**	**0.01**	**21.81**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Parwan Lift MCM_Final_Out	1973	0.00	0.00	0.00	0.00	0.00	0.00	1384.47	1656.06	2763.07	419.71	40.28	3.00	6266.58
	1974	0.00	0.00	0.00	0.00	0.00	0.00	86.54	1341.61	407.98	308.82	22.73	0.75	2168.43
	1975	0.00	0.00	0.00	0.00	0.00	0.03	24.20	1042.43	1295.74	249.28	19.61	0.58	2631.86
	1976	0.00	0.00	0.00	0.00	0.00	10.60	37.74	273.47	713.58	95.62	5.41	0.06	1136.47
	1977	0.00	0.00	0.00	0.00	0.00	0.00	921.37	531.13	978.74	87.24	10.11	0.72	2529.30
	1978	0.00	0.00	0.00	0.00	0.00	1.14	227.18	525.50	421.20	52.93	2.68	1.92	1232.55
	1979	0.00	0.00	0.00	0.00	0.00	0.00	24.35	418.90	53.81	8.62	0.14	0.00	505.81
	1980	0.00	0.00	0.00	0.00	0.00	11.89	28.82	644.16	148.11	12.29	0.65	0.00	845.90
	1981	0.00	0.00	0.00	0.00	0.00	0.00	40.77	236.64	105.99	28.98	35.33	0.00	447.70
	1982	0.00	0.00	0.00	0.00	0.00	0.00	134.97	2019.25	1200.61	205.22	22.96	0.89	3583.89
	1983	0.00	0.00	0.00	0.00	0.00	0.00	10.89	244.81	1388.28	170.19	15.46	0.89	1830.50
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1469.37	628.82	111.56	10.69	0.40	2220.84
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1249.74	571.02	1068.41	108.06	9.40	3006.63
	1986	0.31	5.73	0.00	0.00	0.00	23.97	1408.84	2465.74	491.96	52.18	1.93	0.00	4450.65
	1987	0.00	0.00	0.00	0.00	0.00	0.00	1.45	2914.10	942.19	298.37	32.69	2.19	4190.99
	1988	0.00	0.00	0.00	0.00	0.00	0.82	169.22	1225.37	175.58	29.81	0.49	0.00	1601.29
	1989	0.00	0.00	0.00	0.00	0.00	0.00	27.99	1240.37	562.72	76.55	2.72	0.00	1910.35
	1990	0.00	0.00	0.00	0.00	0.00	37.33	438.72	546.13	969.41	178.81	8.77	0.19	2179.35
	1991	0.00	0.00	0.00	0.00	0.00	0.00	56.22	711.65	901.24	131.05	7.15	0.26	1807.58
	1992	0.00	0.00	0.00	0.00	0.00	0.00	88.98	1157.34	1102.64	328.10	16.89	0.15	2694.09
	1993	0.00	0.00	0.00	0.00	0.00	3.75	355.96	1118.77	1101.34	209.05	17.28	0.79	2806.93
	1994	0.00	0.00	0.00	0.00	0.00	12.81	373.10	1928.45	1081.90	111.64	3.35	0.00	3511.25
	1995	0.00	0.00	0.00	0.00	0.00	0.00	28.55	506.49	1323.48	196.43	12.27	0.89	2068.11
	1996	0.00	0.00	0.00	0.00	0.00	0.00	729.86	3114.98	1976.14	289.00	21.16	1.12	6132.27
	1997	0.00	0.00	0.00	0.00	0.00	0.00	116.64	827.09	1055.98	125.35	4.43	529.79	2659.28
	1998	24.30	0.40	0.00	0.00	0.00	0.12	182.16	456.40	127.55	25.30	1.84	0.00	818.06
	1999	0.00	0.00	0.00	0.00	0.00	0.00	1612.13	433.37	1039.65	134.35	7.97	0.39	3227.85
	2000	0.00	0.00	0.00	0.00	0.00	0.00	1561.24	198.42	41.19	1.70	0.00	0.00	1802.54
	2001	0.00	0.00	0.00	0.00	0.00	61.66	2083.53	1208.49	247.15	21.26	0.50	0.00	3622.59
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.31	52.23	7.76	0.13	0.00	181.43
	2003	0.00	0.00	0.00	0.00	0.00	1.79	48.16	319.80	514.77	136.38	11.99	0.37	1033.27
	2004	0.00	0.00	0.00	0.00	0.00	0.09	0.28	1572.49	525.40	143.88	5.35	0.08	2247.57
	2005	0.00	0.00	0.00	0.00	0.00	6.04	467.38	340.43	33.98	1.00	0.00	0.00	848.82
	2006	0.00	0.00	0.00	0.00	0.00	0.01	171.69	4231.87	2351.46	181.62	10.72	0.41	6947.78
	2007	0.00	0.00	0.00	0.00	0.00	7.24	464.17	65.27	203.73	28.31	1.56	0.00	770.29
	2008	0.00	0.00	0.00	0.00	0.00	22.76	41.22	184.94	383.36	30.94	4.01	0.01	667.23
	2009	0.00	0.00	0.00	0.00	0.00	0.00	97.74	81.45	353.29	83.97	6.08	0.10	622.63
	2010	0.00	0.00	0.00	0.00	0.00	0.00	34.79	353.28	226.05	28.45	3.46	0.01	646.03
	% flow	**0.03**	**0.01**	**0.00**	**0.00**	**0.00**	**0.23**	**15.34**	**44.37**	**32.40**	**6.45**	**0.54**	**0.63**	
Mean		**0.65**	**0.16**	**0.00**	**0.00**	**0.00**	**5.32**	**354.77**	**1025.71**	**748.98**	**149.21**	**12.55**	**14.61**	**2311.96**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Parwan Pickup Weir MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.00	1350.99	1610.79	2630.88	392.65	39.48	3.87	6028.65
	1974	0.08	0.00	0.00	0.00	0.00	0.00	81.24	1260.19	366.51	305.34	23.48	1.37	2038.20
	1975	0.00	0.00	0.00	0.00	0.00	0.41	25.39	970.12	1090.71	182.64	11.01	0.79	2281.07
	1976	0.00	0.00	0.00	0.00	0.00	11.45	29.09	223.08	650.59	83.62	6.40	0.26	1004.49
	1977	0.00	0.00	0.00	0.00	0.00	0.00	922.44	524.70	963.45	83.54	5.36	0.27	2499.76
	1978	0.00	0.00	0.00	0.00	0.00	1.63	227.77	511.04	348.62	45.27	3.81	2.24	1140.38
	1979	0.00	0.00	0.00	0.00	0.00	0.00	25.43	421.85	55.78	10.12	0.69	0.00	513.88
	1980	0.00	0.00	0.00	0.00	0.00	12.63	31.20	642.82	150.49	13.80	1.33	0.00	852.27
	1981	0.00	0.00	0.00	0.00	0.00	0.00	2.01	206.67	44.06	7.97	29.52	0.00	290.23
	1982	0.00	0.00	0.00	0.00	0.00	0.00	135.10	1904.88	1043.80	182.24	21.67	1.50	3289.18
	1983	0.00	0.00	0.00	0.00	0.00	0.00	11.77	234.23	1357.17	152.51	15.73	1.48	1772.89
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1450.89	452.56	86.73	10.19	0.90	2001.27
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1242.51	535.25	1067.08	109.62	10.24	2964.70
	1986	0.69	6.10	0.00	0.00	0.00	25.14	1359.82	2369.05	453.08	50.41	2.96	0.03	4267.27
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2881.96	936.23	264.12	24.34	2.45	4109.29
	1988	0.01	0.00	0.00	0.00	0.00	1.30	169.11	1220.01	177.09	31.02	1.24	0.00	1599.77
	1989	0.00	0.00	0.00	0.00	0.00	0.00	30.43	1239.56	565.83	78.18	3.85	0.09	1917.96
	1990	0.00	0.00	0.00	0.00	0.00	37.64	440.87	544.79	954.12	177.42	9.63	0.66	2165.11
	1991	0.00	0.00	0.00	0.00	0.00	0.00	34.82	700.67	862.10	126.07	8.19	0.70	1732.54
	1992	0.00	0.00	0.00	0.00	0.00	0.00	89.75	1158.41	1100.30	324.09	17.19	0.42	2690.16
	1993	0.00	0.00	0.00	0.00	0.00	4.52	358.64	1120.38	1067.65	210.63	17.82	1.45	2781.08
	1994	0.00	0.00	0.00	0.00	0.00	13.85	361.32	1874.34	991.70	98.59	4.23	0.11	3344.14
	1995	0.00	0.00	0.00	0.00	0.00	0.00	25.55	475.15	1237.68	188.45	13.26	1.53	1941.62
	1996	0.00	0.00	0.00	0.00	0.00	0.00	729.60	3064.09	1841.88	265.72	20.92	1.83	5924.04
	1997	0.00	0.00	0.00	0.00	0.00	0.00	116.51	820.39	1038.61	119.27	4.96	520.41	2620.16
	1998	24.06	0.90	0.00	0.00	0.00	0.00	176.16	454.52	100.52	21.44	2.65	0.02	780.26
	1999	0.00	0.00	0.00	0.00	0.00	0.00	1609.45	418.90	1027.21	133.57	9.01	0.91	3199.05
	2000	0.00	0.00	0.00	0.00	0.00	0.00	1525.88	199.62	41.91	2.97	0.00	0.00	1770.39
	2001	0.00	0.00	0.00	0.00	0.00	63.06	2050.85	1154.39	217.73	18.82	1.25	0.00	3506.10
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.53	54.04	9.32	0.60	0.00	187.49
	2003	0.00	0.00	0.00	0.00	0.00	2.49	50.27	317.93	512.96	135.74	12.82	0.86	1033.07
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.31	1551.87	489.37	138.58	6.51	0.41	2187.04
	2005	0.00	0.00	0.00	0.00	0.00	6.93	469.52	342.30	34.47	1.58	0.00	0.00	854.81
	2006	0.00	0.00	0.00	0.00	0.00	0.00	173.45	4226.52	2339.28	182.59	11.74	0.91	6934.49
	2007	0.00	0.00	0.00	0.00	0.00	7.76	458.27	55.79	199.33	29.52	2.56	0.00	753.22
	2008	0.00	0.00	0.00	0.00	0.00	14.13	41.81	175.49	383.88	32.28	5.17	0.19	652.95
	2009	0.00	0.00	0.00	0.00	0.00	0.00	99.42	79.76	340.33	84.75	7.15	0.50	611.91
	2010	0.00	0.00	0.00	0.00	0.00	0.00	36.96	353.82	221.46	29.89	4.61	0.21	646.95
	% flow	**0.03**	**0.01**	**0.00**	**0.00**	**0.00**	**0.24**	**15.61**	**44.91**	**31.66**	**6.32**	**0.55**	**0.66**	
Mean		**0.65**	**0.18**	**0.00**	**0.00**	**0.00**	**5.34**	**348.72**	**1003.34**	**707.33**	**141.28**	**12.39**	**14.65**	**2233.89**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Parwati Pickup Weir MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.00	1495.08	1925.50	2369.35	424.53	24.52	0.00	6238.98
	1974	0.00	0.00	0.00	0.00	0.00	0.00	133.79	1811.67	537.84	89.83	0.96	0.00	2574.09
	1975	0.00	0.00	0.00	0.00	0.00	0.00	123.82	707.10	845.77	167.11	4.34	0.01	1848.14
	1976	0.00	0.00	0.00	0.00	0.00	0.03	22.06	139.81	345.00	2.60	0.00	0.00	509.49
	1977	0.00	0.00	0.00	0.00	0.00	0.00	471.67	425.06	702.17	45.94	0.81	0.10	1645.74
	1978	0.00	0.00	0.00	0.00	0.00	3.20	146.56	469.79	467.60	44.30	0.00	3.27	1134.73
	1979	0.00	0.00	0.00	0.00	0.00	0.00	16.76	532.73	7.73	0.10	0.00	0.00	557.33
	1980	0.00	0.00	0.00	0.00	0.00	69.21	36.19	1166.44	64.46	6.08	0.00	0.00	1342.37
	1981	0.00	0.00	0.00	0.00	0.00	0.00	218.13	318.73	106.56	9.46	40.75	0.02	693.64
	1982	0.00	0.00	0.00	0.00	0.00	0.00	40.39	3511.38	1373.24	204.47	14.79	0.00	5144.27
	1983	0.00	0.00	0.00	0.00	0.00	0.00	34.90	599.43	1408.23	209.64	6.40	0.00	2258.60
	1984	0.00	0.00	0.00	0.00	0.00	0.41	0.00	958.33	1069.20	134.70	1.90	0.00	2164.54
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2138.97	1089.94	1257.78	121.10	3.98	4611.76
	1986	0.00	17.38	0.00	0.00	0.00	10.73	1848.10	2213.16	380.25	21.92	0.00	0.00	4491.53
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.73	2401.45	981.33	260.02	17.83	0.03	3661.39
	1988	0.00	0.00	0.00	0.00	0.00	12.84	210.66	815.04	210.32	11.85	0.00	0.00	1260.69
	1989	0.00	0.00	0.00	0.00	0.00	0.00	7.35	870.75	108.24	16.28	0.00	0.00	1002.62
	1990	0.00	0.00	0.00	0.00	0.00	46.06	417.83	716.74	1181.17	139.01	3.93	0.00	2504.75
	1991	0.00	0.00	0.00	0.00	0.00	0.00	200.34	1065.74	946.60	118.68	0.57	0.00	2331.93
	1992	0.00	0.00	0.00	0.00	0.00	0.00	29.73	141.10	185.46	134.59	0.47	0.00	491.35
	1993	0.00	0.00	0.00	0.00	0.00	14.60	156.77	581.75	1620.00	248.48	13.49	0.00	2635.08
	1994	0.00	0.00	0.00	0.00	0.00	0.00	631.57	1227.24	693.88	59.94	0.01	0.00	2612.64
	1995	0.00	0.00	0.00	0.00	0.00	0.00	65.01	937.17	1123.63	190.52	1.88	0.00	2318.20
	1996	0.00	0.00	0.00	0.00	0.00	0.00	224.02	2134.69	1799.11	291.68	8.21	0.00	4457.70
	1997	0.00	0.00	0.00	0.00	0.00	0.00	146.80	706.83	291.08	24.60	44.84	910.66	2124.82
	1998	29.70	0.00	0.00	0.00	0.00	0.02	134.03	864.32	276.83	42.67	0.00	0.00	1347.57
	1999	0.00	0.00	0.00	0.00	0.00	1.94	1540.88	389.98	724.46	106.01	0.48	0.00	2763.76
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2234.59	272.66	30.30	0.00	0.00	0.00	2537.55
	2001	0.00	0.00	0.00	0.00	0.00	0.00	684.06	472.20	131.31	6.01	0.00	0.00	1293.59
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.34	0.96	0.00	0.00	0.00	142.30
	2003	0.00	0.00	0.00	0.00	0.00	5.60	35.76	435.78	386.73	50.27	0.84	0.00	914.98
	2004	0.00	0.00	0.00	0.00	0.00	6.30	8.23	1228.85	296.78	76.50	0.00	0.00	1616.66
	2005	0.00	0.00	0.00	0.00	0.00	1.63	882.53	251.40	53.11	1.23	0.00	0.00	1189.90
	2006	0.00	0.00	0.00	0.00	0.00	0.06	266.45	1718.19	1532.39	106.15	0.51	0.00	3623.74
	2007	0.00	0.00	0.00	0.00	0.00	51.58	236.69	85.52	416.02	23.93	0.00	0.00	813.74
	2008	0.00	0.00	0.00	0.00	0.00	98.42	141.53	226.03	542.51	39.40	0.14	0.00	1048.02
	2009	0.00	0.00	0.00	0.00	0.00	0.00	160.57	178.76	523.33	34.12	1.07	0.00	897.84
	2010	0.00	0.00	0.00	0.00	0.00	0.22	25.24	82.07	352.51	0.00	0.00	0.00	460.05
	% flow	**0.04**	**0.02**	**0.00**	**0.00**	**0.00**	**0.41**	**16.44**	**43.98**	**31.76**	**5.80**	**0.39**	**1.16**	
Mean		**0.78**	**0.46**	**0.00**	**0.00**	**0.00**	**8.50**	**342.86**	**917.47**	**662.51**	**121.06**	**8.15**	**24.16**	**2085.95**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Piplad	1973	0.02	0.00	0.00	0.00	0.00	0.00	2.53	9.89	25.81	5.73	0.32	0.00	44.31
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.54	24.35	13.00	6.40	1.07	0.00	45.37
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.99	14.77	3.39	0.10	0.00	21.25
	1976	0.00	0.00	0.00	0.00	0.00	0.37	0.58	12.13	24.75	3.80	0.19	0.00	41.81
	1977	0.00	0.00	0.00	0.00	0.00	0.00	1.27	10.42	11.84	2.01	0.00	0.00	25.53
	1978	0.00	0.00	0.00	0.00	0.00	0.03	2.52	11.64	7.54	0.59	0.00	0.10	22.42
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.80	0.00	0.00	0.04	0.00	0.84
	1980	0.00	0.00	0.00	0.00	0.00	0.15	0.35	4.25	0.63	0.00	0.00	0.00	5.39
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.16	0.02	1.11	0.00	1.63
	1982	0.00	0.00	0.00	0.00	0.00	0.00	6.08	9.27	8.98	0.98	1.10	0.00	26.42
	1983	0.00	0.00	0.00	0.00	0.00	0.10	0.01	2.43	3.83	0.15	0.00	0.00	6.51
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.32	8.39	6.72	0.78	0.00	0.00	16.20
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.07	10.63	19.11	32.70	5.40	0.49	68.41
	1986	0.00	0.00	0.00	0.00	0.00	0.00	20.24	44.49	11.49	1.26	0.00	0.00	77.49
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.01	8.56	4.79	5.94	1.40	0.01	20.71
	1988	0.00	0.00	0.00	0.00	0.00	3.74	0.63	3.89	2.95	3.84	0.05	0.00	15.09
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.01	4.02	7.33	0.93	0.00	0.00	12.29
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.82	1.27	6.10	4.02	0.15	0.00	12.37
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.76	2.06	5.90	0.52	0.00	0.00	9.23
	1992	0.00	0.00	0.00	0.00	0.00	0.00	3.83	9.21	9.97	6.66	1.04	0.00	30.71
	1993	0.00	0.01	0.00	0.00	0.00	1.55	2.33	17.89	8.61	1.57	0.00	0.00	31.96
	1994	0.00	0.00	0.00	0.00	0.00	0.13	3.08	18.35	13.66	1.69	0.00	0.00	36.92
	1995	0.00	0.00	0.00	0.00	0.00	0.00	1.82	0.17	3.24	0.92	0.00	0.00	6.15
	1996	0.00	0.00	0.00	0.00	0.00	0.01	4.66	19.79	24.79	4.99	0.23	0.00	54.45
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.26	3.58	0.66	0.00	2.55	1.44	8.49
	1998	0.00	0.00	0.00	0.00	0.00	0.00	3.19	0.09	2.21	0.16	0.00	0.00	5.64
	1999	0.00	0.04	0.00	0.00	0.00	0.00	18.90	5.71	23.36	2.42	0.02	0.00	50.45
	2000	0.00	0.00	0.00	0.00	0.00	0.00	9.96	0.00	0.00	0.00	0.00	0.00	9.96
	2001	0.00	0.00	0.00	0.00	0.00	1.16	22.52	20.09	4.05	0.19	0.00	0.00	48.02
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.19
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	3.11	0.00	0.00	0.00	3.32
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.42	29.62	12.46	2.21	0.01	0.00	44.72
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.59	2.23	0.81	0.00	0.00	5.06
	2006	0.00	0.00	0.00	0.00	0.00	0.00	1.97	56.19	20.83	2.68	0.03	0.00	81.69
	2007	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.74	0.31	0.00	0.00	0.00	2.81
	2008	0.00	0.00	0.00	0.01	0.00	0.35	3.04	1.32	0.06	0.00	0.05	0.00	4.83
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.32	0.23	0.31	0.00	0.00	1.77
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.68	0.00	0.00	0.00	0.00	1.20
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.84**	**12.90**	**39.66**	**33.88**	**10.83**	**1.65**	**0.23**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.20**	**3.06**	**9.41**	**8.04**	**2.57**	**0.39**	**0.05**	**23.73**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Rana Pratap Sagar Dam	1973	0.00	0.00	0.00	0.00	0.00	0.70	2529.48	6071.93	9883.30	1535.53	122.01	0.00	20142.94
	1974	0.00	0.00	0.00	0.00	0.00	0.00	126.85	4175.63	347.33	522.82	14.02	0.00	5186.65
	1975	0.00	0.00	0.00	0.00	0.00	28.02	88.15	1007.88	2094.85	478.90	11.38	0.00	3709.18
	1976	0.00	0.00	0.00	0.00	0.00	38.80	428.54	4513.10	4224.96	501.93	189.50	80.59	9977.44
	1977	0.98	0.00	0.00	0.00	0.00	20.01	451.58	2262.44	2900.45	233.26	0.51	0.00	5869.24
	1978	0.00	0.00	0.00	0.00	0.00	0.00	504.61	4622.92	2480.29	264.41	1.64	11.39	7885.27
	1979	0.00	0.00	0.00	0.00	0.00	68.90	23.75	2226.02	224.23	3.45	37.12	46.79	2630.25
	1980	1.04	0.00	0.00	0.00	0.00	60.32	136.46	1560.17	766.20	36.94	0.00	0.00	2561.12
	1981	0.00	0.00	0.00	0.00	0.00	4.69	254.02	2326.73	839.55	130.20	70.89	0.25	3626.33
	1982	0.00	0.00	0.00	0.05	0.00	0.01	475.95	850.39	271.90	33.80	218.45	5.57	1856.13
	1983	0.00	0.00	0.00	0.00	0.00	30.02	145.84	1490.53	436.49	169.01	2.06	0.00	2273.95
	1984	0.00	0.00	0.00	0.00	0.00	0.00	34.04	5924.62	950.23	95.49	0.00	0.00	7004.38
	1985	0.00	0.00	0.00	0.00	0.00	0.00	4.53	412.74	368.06	921.37	76.28	1.11	1784.09
	1986	0.00	0.00	0.00	0.00	0.01	0.00	2820.36	3465.85	1005.18	66.88	0.00	0.00	7358.27
	1987	0.00	0.00	0.00	0.00	0.00	2.17	6.29	2274.77	275.79	316.32	23.95	2.22	2901.51
	1988	0.00	0.00	0.00	0.00	0.00	41.86	228.74	2273.96	688.69	2047.10	12.88	0.00	5293.24
	1989	0.00	0.00	0.00	0.00	0.00	0.07	46.52	1006.54	1244.42	82.52	0.02	0.00	2380.09
	1990	0.00	0.00	0.00	0.00	0.00	0.00	499.52	2879.28	3128.54	580.14	20.88	0.00	7108.37
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1311.88	2050.32	1163.03	88.28	0.24	0.00	4613.74
	1992	0.00	0.00	0.00	0.00	0.00	0.00	129.61	321.94	963.19	314.18	14.65	0.54	1744.11
	1993	0.00	0.00	0.00	0.00	0.00	24.79	1936.48	2038.26	1297.04	282.30	2.18	0.00	5581.05
	1994	0.00	0.00	0.00	0.00	0.00	94.40	600.50	6079.97	5121.79	512.65	15.35	0.00	12424.66
	1995	2.54	0.00	0.00	0.00	0.00	0.00	2222.00	1025.02	3675.46	278.02	1.38	0.00	7204.42
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3698.87	2455.02	3175.20	609.07	14.77	0.00	9952.93
	1997	0.00	0.00	0.00	0.00	0.00	1.78	2254.41	3270.33	1753.23	183.23	33.72	595.94	8092.64
	1998	5.15	0.00	0.00	0.00	0.00	1.79	578.53	751.83	3561.41	538.09	19.10	0.00	5455.90
	1999	0.00	0.00	0.00	0.00	0.00	85.38	845.04	334.53	2264.11	433.10	4.76	0.00	3966.91
	2000	0.00	0.00	0.00	0.00	0.00	0.00	365.60	164.08	17.31	0.00	0.00	0.00	546.99
	2001	0.00	0.00	0.00	0.00	0.00	13.94	732.54	612.55	66.38	11.96	0.00	0.00	1437.38
	2002	0.00	0.00	0.00	0.00	0.00	25.73	2.81	229.43	792.63	0.01	0.00	0.00	1050.61
	2003	0.00	0.00	0.00	0.00	0.00	44.53	1145.82	532.47	1232.50	500.06	27.42	0.00	3482.79
	2004	0.00	0.00	0.00	0.00	0.00	0.95	76.12	4060.45	1241.05	272.93	3.70	0.00	5655.20
	2005	0.00	0.00	0.00	0.00	0.00	2.58	751.02	1260.19	991.18	209.91	8.35	0.00	3223.23
	2006	0.00	0.00	0.00	0.00	0.00	6.88	1312.42	5557.68	2171.58	258.33	56.09	0.00	9362.98
	2007	0.00	0.00	0.00	0.00	0.00	0.87	525.23	1936.75	474.85	240.92	2.44	0.80	3181.86
	2008	0.00	0.00	0.00	0.01	0.00	22.71	308.55	3736.37	837.22	497.92	2.00	0.19	5404.96
	2009	0.00	0.00	0.00	0.00	0.00	6.83	267.14	828.97	759.72	128.89	2.35	0.00	1993.88
	2010	0.00	0.00	0.00	0.00	0.00	0.08	905.30	2583.85	1592.53	180.93	32.35	6.42	5301.45
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.32**	**14.44**	**44.76**	**32.77**	**6.81**	**0.52**	**0.38**	
Mean		**0.26**	**0.00**	**0.00**	**0.00**	**0.00**	**16.55**	**757.24**	**2346.72**	**1717.94**	**356.86**	**27.43**	**19.78**	**5242.79**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Sawan Bhadon	1973	0.05	0.01	0.01	0.00	0.00	0.00	1.51	10.54	25.50	9.89	1.04	0.04	48.59
	1974	0.02	0.02	0.01	0.01	0.01	0.00	0.70	4.36	8.76	9.54	3.14	0.14	26.69
	1975	0.02	0.01	0.01	0.01	0.00	0.00	0.05	9.44	23.36	5.63	0.33	0.03	38.89
	1976	0.02	0.01	0.01	0.01	0.00	0.04	0.03	1.93	11.73	3.36	0.16	0.19	17.48
	1977	0.02	0.01	0.01	0.01	0.01	0.01	0.18	5.36	9.27	1.15	0.03	0.02	16.06
	1978	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.51	4.14	1.61	0.03	0.02	6.36
	1979	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.04	0.03	0.02	0.02	0.02	0.16
	1980	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.20	0.07	0.03	0.02	0.01	0.36
	1981	0.01	0.01	0.00	0.00	0.00	0.00	0.11	0.03	0.03	0.03	0.07	0.02	0.31
	1982	0.01	0.01	0.01	0.01	0.01	0.00	0.39	1.58	12.39	2.12	1.19	0.19	17.90
	1983	0.02	0.01	0.01	0.01	0.01	0.00	0.01	1.10	0.41	0.71	0.03	0.02	2.33
	1984	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.04	5.12	1.91	0.06	0.02	7.19
	1985	0.01	0.01	0.01	0.00	0.00	0.00	0.06	12.08	17.47	25.02	6.35	0.63	61.65
	1986	0.03	0.02	0.02	0.01	0.01	0.04	10.90	52.18	16.09	2.18	0.05	0.04	81.56
	1987	0.03	0.02	0.01	0.01	0.01	0.00	0.01	0.60	1.83	14.38	6.88	0.66	24.41
	1988	0.03	0.02	0.01	0.01	0.01	0.00	0.01	0.60	1.57	1.65	0.05	0.02	3.97
	1989	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.07
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	1.80	2.41	0.10	0.02	4.40
	1991	0.01	0.01	0.01	0.01	0.00	0.00	0.06	4.25	17.52	2.24	0.05	0.02	24.17
	1992	0.02	0.01	0.01	0.01	0.00	0.00	0.01	0.07	1.31	5.06	1.32	0.03	7.84
	1993	0.02	0.01	0.01	0.01	0.00	0.01	1.48	2.48	12.98	6.96	0.47	0.03	24.44
	1994	0.02	0.01	0.01	0.01	0.00	0.01	4.29	18.66	13.10	2.24	0.04	0.02	38.39
	1995	0.02	0.01	0.01	0.01	0.00	0.00	0.01	0.04	2.15	1.27	0.02	0.02	3.56
	1996	0.01	0.01	0.01	0.00	0.00	0.00	0.53	42.29	48.26	8.65	0.81	0.05	100.62
	1997	0.03	0.02	0.02	0.01	0.01	0.94	0.03	5.13	14.47	2.15	0.05	0.03	22.90
	1998	0.02	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.03	0.11	0.02	0.01	0.25
	1999	0.01	0.01	0.01	0.00	0.00	0.00	7.92	3.04	14.32	4.23	0.19	0.03	29.75
	2000	0.02	0.01	0.01	0.01	0.00	0.01	19.10	1.13	4.37	0.42	0.02	0.02	25.11
	2001	0.01	0.01	0.01	0.00	0.00	0.00	9.17	19.98	7.92	0.60	0.03	0.02	37.76
	2002	0.02	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.12
	2003	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.09	0.03	0.02	0.01	0.20
	2004	0.01	0.01	0.00	0.00	0.00	0.00	0.01	5.93	14.91	3.55	0.08	0.03	24.54
	2005	0.02	0.01	0.01	0.01	0.00	0.00	0.02	0.06	0.02	0.02	0.01	0.01	0.18
	2006	0.01	0.00	0.00	0.00	0.00	0.01	0.09	13.01	25.63	4.00	0.11	0.03	42.90
	2007	0.02	0.01	0.01	0.01	0.00	0.00	4.09	2.12	7.65	0.84	0.03	0.02	14.80
	2008	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.10	0.03	0.02	0.02	0.01	0.23
	2009	0.01	0.01	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.02	0.02	0.01	0.16
	2010	0.01	0.01	0.00	0.00	0.00	0.00	0.06	1.20	4.00	1.83	0.03	0.02	7.16
	% flow	**0.08**	**0.05**	**0.04**	**0.02**	**0.01**	**0.15**	**7.98**	**28.84**	**43.01**	**16.49**	**3.00**	**0.32**	
Mean		**0.02**	**0.01**	**0.01**	**0.00**	**0.00**	**0.03**	**1.60**	**5.79**	**8.64**	**3.31**	**0.60**	**0.07**	**20.09**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Takli	1973	0.09	0.00	0.00	0.00	0.00	0.00	10.76	33.16	53.01	18.30	1.95	0.00	117.26
	1974	0.00	0.00	0.00	0.00	0.00	0.00	4.17	26.60	15.82	23.90	6.05	0.32	76.86
	1975	0.00	0.00	0.00	0.00	0.00	0.00	2.77	36.80	45.26	10.20	0.60	0.00	95.62
	1976	0.00	0.00	0.00	0.00	0.00	0.76	7.15	18.58	28.23	6.01	1.43	2.06	64.21
	1977	0.03	0.00	0.00	0.00	0.00	0.00	7.15	25.09	19.54	2.67	0.00	0.00	54.47
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.17	14.39	17.11	3.26	0.02	0.40	35.35
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.03	8.42	2.47	0.03	0.99	4.18	16.11
	1980	0.24	0.00	0.00	0.00	0.00	0.00	0.00	3.11	13.00	1.86	0.02	0.00	18.23
	1981	0.00	0.00	0.00	0.00	0.00	0.00	1.26	9.80	4.39	3.56	7.07	0.68	26.77
	1982	0.00	0.00	0.00	0.00	0.00	0.00	2.79	27.35	24.86	3.85	6.10	1.17	66.11
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.02	9.31	16.91	3.20	0.13	0.00	29.58
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.14	9.88	21.30	4.09	0.10	0.00	35.50
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.89	40.74	34.45	54.99	10.31	0.87	142.24
	1986	0.00	0.00	0.00	0.00	0.00	0.71	45.99	100.20	26.52	3.26	0.00	0.00	176.67
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.01	18.97	36.72	12.35	1.37	74.42
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.16	16.21	8.64	6.28	0.41	0.00	31.71
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	1990	0.00	0.00	0.00	0.00	0.00	0.06	0.04	8.78	14.98	7.28	0.35	0.00	31.49
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.64	27.83	34.73	4.32	0.04	0.00	67.56
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.11	6.23	12.75	16.49	3.64	0.43	39.66
	1993	0.00	0.00	0.00	0.00	0.00	0.02	15.33	11.70	34.42	11.41	0.72	0.00	73.60
	1994	0.00	0.00	0.00	0.00	0.00	0.00	25.56	40.07	26.52	4.08	0.01	0.00	96.24
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.03	5.74	17.81	4.60	0.12	0.00	28.29
	1996	0.00	0.00	0.00	0.00	0.00	0.00	3.95	109.87	83.59	15.47	1.39	0.00	214.27
	1997	0.00	0.00	0.00	0.00	0.00	4.82	2.21	29.78	26.96	5.77	0.28	1.45	71.28
	1998	0.12	0.00	0.00	0.00	0.00	0.00	0.20	0.37	4.77	7.83	1.81	0.05	15.15
	1999	0.00	0.00	0.00	0.00	0.00	0.00	26.52	25.75	28.41	9.81	0.62	0.00	91.11
	2000	0.00	0.00	0.00	0.00	0.00	0.00	50.11	15.83	10.88	1.27	0.00	0.00	78.09
	2001	0.00	0.00	0.00	0.00	0.00	0.00	36.80	39.40	14.00	0.99	0.00	0.00	91.19
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	4.44	0.50	0.00	0.00	4.97
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.02	3.56	10.77	3.65	0.19	0.00	18.20
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.01	38.94	28.05	5.69	0.09	0.00	72.78
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.67	8.83	0.70	0.00	0.00	0.00	10.20
	2006	0.00	0.00	0.00	0.00	0.00	0.08	4.93	49.71	50.08	7.27	0.21	0.00	112.29
	2007	0.00	0.00	0.00	0.00	0.00	0.00	17.92	15.53	17.48	2.17	0.01	0.00	53.10
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.01	10.64	6.76	1.66	0.18	0.05	19.29
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.53	6.76	5.04	3.02	1.15	0.12	16.63
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.09	20.68	15.73	3.58	0.02	0.00	41.10
	% flow	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.28**	**11.71**	**37.30**	**34.64**	**12.96**	**2.53**	**0.57**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.17**	**7.11**	**22.65**	**21.04**	**7.87**	**1.54**	**0.35**	**60.73**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Ummed SagarC	1973	0.32	0.00	0.00	0.00	0.00	21.96	74.78	152.96	68.71	13.81	0.40	0.00	332.94
	1974	0.00	0.00	0.00	0.00	0.00	0.00	112.20	238.32	64.96	9.63	0.07	0.00	425.17
	1975	0.00	0.00	0.00	0.00	0.00	0.00	4.25	123.58	179.44	50.17	6.46	0.09	364.00
	1976	0.00	0.00	0.00	0.00	0.00	7.66	35.76	176.67	91.03	15.30	0.42	0.00	326.83
	1977	0.00	0.00	0.00	0.00	0.00	0.03	127.14	186.63	101.94	16.95	0.52	0.00	433.22
	1978	0.00	0.00	0.00	0.00	0.00	0.00	2.17	74.59	57.31	7.84	0.02	0.00	141.93
	1979	0.00	0.00	0.00	0.00	0.00	0.01	2.66	129.42	119.52	35.46	3.58	0.00	290.65
	1980	0.00	0.00	0.00	0.00	0.00	0.00	112.17	191.08	78.15	21.08	2.48	0.00	404.95
	1981	0.00	0.00	0.00	0.00	0.00	0.00	8.05	251.42	78.05	10.84	0.22	0.00	348.58
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165.28	109.67	29.70	9.04	0.22	313.91
	1983	0.00	0.00	0.00	0.00	0.00	0.00	12.92	178.44	124.75	22.09	1.66	0.00	339.86
	1984	0.00	0.00	0.00	0.00	0.00	0.00	139.79	145.54	83.80	13.39	0.35	0.00	382.87
	1985	0.00	0.00	0.00	0.00	0.00	0.00	9.13	176.56	132.50	35.36	6.08	0.08	359.71
	1986	0.00	0.00	0.00	0.00	0.00	0.00	17.10	172.86	97.98	15.38	0.56	0.00	303.88
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.73	30.96	63.48	7.53	0.00	0.00	102.70
	1988	0.00	0.00	0.00	0.00	0.00	0.00	14.75	185.37	112.70	28.20	2.18	0.00	343.21
	1989	0.00	0.00	0.00	0.00	0.00	0.00	19.62	263.82	135.77	21.88	1.24	0.00	442.33
	1990	0.00	0.00	0.00	0.00	0.00	0.00	111.82	319.53	148.83	26.41	2.00	0.00	608.61
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.60	96.26	84.66	12.44	0.40	0.00	194.35
	1992	0.00	0.00	0.00	0.00	0.00	0.00	6.98	172.49	102.59	25.42	2.00	0.00	309.47
	1993	0.00	0.00	0.00	0.00	0.00	0.00	138.13	242.02	126.36	21.97	1.30	0.00	529.77
	1994	0.00	0.00	0.00	0.00	0.00	0.09	157.73	341.50	144.92	26.59	2.12	0.00	672.94
	1995	0.00	0.00	0.00	0.00	0.00	0.00	70.25	338.55	170.92	28.50	2.42	0.00	610.64
	1996	0.00	0.00	0.00	0.00	0.00	0.00	16.73	288.46	282.27	58.44	7.88	0.19	653.98
	1997	0.00	0.00	0.00	0.00	0.00	0.00	28.18	210.36	156.76	35.78	3.39	0.00	434.47
	1998	0.00	0.00	0.00	0.00	0.00	0.00	4.30	171.20	134.55	23.48	1.58	0.00	335.11
	1999	0.00	0.00	0.00	0.00	0.00	0.00	65.81	268.38	119.31	21.85	1.15	0.00	476.49
	2000	0.00	0.00	0.00	0.00	0.00	0.00	152.88	142.84	46.48	5.50	0.00	0.00	347.70
	2001	0.00	0.00	0.00	0.00	0.00	0.68	358.91	241.35	82.69	12.59	0.17	0.00	696.39
	2002	0.00	0.00	0.00	0.00	0.00	0.00	8.39	217.27	166.02	28.18	2.24	0.00	422.10
	2003	0.00	0.00	0.00	0.00	0.00	0.00	55.26	268.11	138.57	32.06	3.30	0.00	497.29
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.22	199.09	135.80	21.69	1.28	0.00	358.07
	2005	0.00	0.00	0.00	0.00	0.00	0.00	39.05	116.03	31.42	3.64	0.00	0.00	190.14
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.23	70.37	9.83	0.03	0.00	129.47
	2007	0.00	0.00	0.00	0.00	0.00	0.00	11.41	116.11	105.26	18.62	0.88	0.00	252.28
	2008	0.00	0.00	0.00	0.00	0.00	67.26	301.59	268.64	76.26	17.35	0.70	0.00	731.79
	2009	0.00	0.00	0.00	0.00	0.00	0.00	20.51	82.31	50.99	11.72	0.25	0.00	165.77
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.22	19.88	33.10	2.78	0.00	0.00	56.99
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.68**	**15.65**	**48.94**	**28.67**	**5.58**	**0.48**	**0.00**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**2.57**	**59.03**	**184.56**	**108.10**	**21.04**	**1.80**	**0.02**	**377.12**

Virgin Water Yield Series of Major/Medium Projects in Mahi Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Jaisamand	1973	0.00	0.00	0.00	0.00	0.00	0.04	187.06	413.28	712.28	3.74	0.35	0.06	1316.81
	1974	0.00	0.00	0.00	0.00	0.00	0.00	37.02	178.01	7.14	18.80	0.02	0.00	240.99
	1975	0.00	0.00	0.00	0.00	0.00	0.59	134.67	201.93	123.17	30.37	1.42	0.00	492.14
	1976	0.00	0.00	0.00	0.00	0.00	0.04	74.78	252.55	153.19	0.12	15.67	2.48	498.82
	1977	0.00	0.00	0.00	0.00	0.00	1.30	118.25	164.94	108.45	0.04	0.00	0.00	392.98
	1978	0.00	0.00	0.00	0.00	0.00	11.99	225.36	190.03	97.33	0.68	0.01	0.00	525.40
	1979	0.00	0.00	0.00	0.00	0.00	1.41	49.79	70.20	8.46	13.65	56.17	9.50	209.18
	1980	0.00	0.00	0.00	0.00	0.00	26.18	127.95	126.26	52.20	0.00	0.00	0.04	332.63
	1981	0.00	0.00	0.00	0.00	0.00	12.56	42.96	123.77	33.85	8.63	0.96	0.00	222.73
	1982	0.00	0.00	0.00	0.00	0.08	0.00	0.08	138.63	5.61	0.00	12.54	0.00	156.94
	1983	0.00	0.00	0.00	0.00	0.00	28.77	227.72	217.27	83.23	20.32	0.04	0.00	577.35
	1984	0.00	0.00	0.00	0.00	0.00	0.01	185.35	296.50	8.01	0.16	0.00	0.00	490.02
	1985	0.00	0.00	0.00	0.00	0.00	0.01	5.26	326.77	3.72	14.96	0.00	0.00	350.71
	1986	0.00	0.00	0.00	0.00	0.00	0.06	116.73	139.97	0.45	0.01	0.00	0.00	257.22
	1987	0.00	0.00	0.00	0.00	0.00	19.03	0.24	78.37	52.98	0.00	0.00	0.40	151.01
	1988	0.00	0.00	0.00	0.00	0.00	0.04	41.54	161.86	42.95	8.49	0.00	0.00	254.88
	1989	0.00	0.00	0.00	0.00	0.00	1.85	88.31	363.19	109.18	0.12	0.00	0.00	562.64
	1990	0.00	0.00	0.00	0.00	0.00	0.58	66.96	262.30	89.55	4.72	0.00	0.00	424.12
	1991	0.00	0.00	0.00	0.00	0.00	0.00	181.92	197.02	30.64	0.00	0.00	0.00	409.58
	1992	0.00	0.00	0.00	0.00	0.00	0.00	118.47	288.46	142.53	0.18	0.00	0.00	549.64
	1993	0.00	0.00	0.00	0.00	0.00	0.74	240.12	12.63	3.15	1.23	0.00	0.00	257.87
	1994	0.00	0.00	0.00	0.00	0.00	10.84	158.00	237.31	203.16	0.68	0.00	0.00	609.98
	1995	0.07	0.00	0.00	0.00	0.00	0.00	46.95	44.22	22.04	0.00	0.00	0.00	113.28
	1996	0.00	0.00	0.00	0.00	0.00	0.03	73.90	154.65	219.36	0.52	0.00	0.00	448.46
	1997	0.00	0.00	0.00	0.00	0.00	0.03	2.43	92.73	85.23	3.47	0.01	0.00	183.89
	1998	0.00	0.00	0.00	0.00	0.00	0.09	6.93	8.49	72.34	21.43	0.12	0.00	109.41
	1999	0.00	0.00	0.00	0.00	0.00	0.99	38.38	22.29	3.99	0.40	0.00	0.00	66.06
	2000	0.00	0.00	0.00	0.00	0.00	0.00	119.30	5.69	0.00	0.00	0.00	0.00	124.98
	2001	0.00	0.00	0.00	0.00	0.00	4.57	215.00	55.74	0.13	0.00	0.00	0.00	275.44
	2002	0.00	0.00	0.00	0.00	0.00	0.03	17.67	73.52	25.19	0.00	0.00	0.00	116.42
	2003	0.00	0.03	0.00	0.00	0.00	0.01	98.54	155.70	98.76	1.61	0.00	0.00	354.63
	2004	0.00	0.00	0.00	0.00	0.01	0.14	5.38	377.92	14.22	4.68	0.00	0.00	402.35
	2005	0.00	0.00	0.00	0.00	0.05	0.09	67.71	158.32	118.74	2.48	0.00	0.00	347.39
	2006	0.00	0.00	0.00	0.00	0.00	1.74	52.95	516.66	97.33	3.87	0.00	0.00	672.55
	2007	0.00	0.00	0.00	0.00	0.00	6.78	109.47	131.59	122.16	6.18	16.44	1.50	394.12
	2008	0.00	0.00	0.00	0.00	0.00	0.01	80.86	234.44	107.21	0.74	0.00	0.00	423.25
	2009	27.16	0.06	0.00	0.00	0.00	0.55	53.27	128.94	59.75	0.70	0.00	0.00	270.43
	2010	0.00	0.00	0.00	0.00	0.00	0.01	81.69	162.95	61.66	0.01	0.58	0.03	306.94
	% flow	**0.20**	**0.00**	**0.00**	**0.00**	**0.00**	**0.94**	**25.18**	**48.69**	**22.88**	**1.25**	**0.75**	**0.10**	
Mean		**0.72**	**0.00**	**0.00**	**0.00**	**0.00**	**3.45**	**92.08**	**178.03**	**83.67**	**4.55**	**2.75**	**0.37**	**365.61**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Jakham	1973	0.00	0.00	0.00	0.00	0.00	2.00	267.39	187.11	389.58	0.96	0.16	0.00	847.20
	1974	0.00	0.00	0.00	0.00	0.00	0.00	106.90	284.45	10.99	46.60	0.17	0.00	449.10
	1975	0.00	0.00	0.00	0.00	0.00	2.44	169.09	86.46	77.16	24.91	0.01	0.00	360.08
	1976	0.00	0.00	0.00	0.00	0.00	26.26	22.84	190.57	176.10	0.34	79.55	14.92	510.57
	1977	0.01	0.00	0.00	0.00	0.00	0.26	60.53	150.82	120.06	0.31	0.00	0.00	332.00
	1978	0.00	0.00	0.00	0.00	0.00	0.00	124.57	167.11	53.19	0.11	0.00	0.00	344.97
	1979	0.00	0.00	0.00	0.00	0.00	0.39	31.74	180.74	0.17	0.00	52.57	14.57	280.16
	1980	0.00	0.00	0.00	0.00	0.00	130.59	108.61	69.13	50.70	0.01	0.00	0.00	359.04
	1981	0.00	0.00	0.00	0.00	0.00	11.58	95.86	116.32	21.26	0.01	8.87	0.00	253.90
	1982	0.00	0.00	0.00	0.00	0.00	0.76	26.30	215.18	23.74	0.06	19.39	0.00	285.44
	1983	0.00	0.00	0.00	0.00	0.00	0.00	67.68	163.25	92.28	39.69	0.08	0.00	362.98
	1984	0.00	0.00	0.00	0.00	0.00	0.00	41.35	285.52	22.65	0.12	0.00	0.00	349.64
	1985	0.00	0.00	0.00	0.00	0.00	0.00	1.17	274.27	1.55	15.26	0.01	0.00	292.25
	1986	0.00	0.00	0.00	0.00	0.00	0.65	196.92	196.09	1.05	0.01	0.00	0.00	394.70
	1987	0.00	0.00	0.00	0.00	0.00	33.75	14.28	186.58	99.51	0.12	0.00	0.00	334.23
	1988	0.00	0.00	0.00	0.00	0.00	0.68	154.68	232.43	66.69	5.06	0.01	0.00	459.54
	1989	0.00	0.00	0.00	0.00	0.00	0.43	34.47	237.71	119.65	0.18	0.00	0.00	392.43
	1990	0.00	0.00	0.00	0.00	0.00	0.27	99.80	154.33	153.73	5.84	0.01	0.00	413.98
	1991	0.00	0.00	0.00	0.00	0.00	0.00	68.70	224.58	112.18	0.14	0.00	0.00	405.61
	1992	0.00	0.00	0.00	0.00	0.00	0.00	93.99	201.23	55.73	0.13	0.00	0.00	351.07
	1993	0.00	0.00	0.00	0.00	0.00	0.42	237.52	37.71	27.37	0.02	0.00	0.00	303.04
	1994	0.00	0.00	0.00	0.00	0.00	4.81	121.31	116.54	110.60	0.34	0.00	0.00	353.58
	1995	0.19	0.00	0.00	0.00	0.00	0.00	52.76	41.11	27.68	0.00	0.00	0.00	121.75
	1996	0.00	0.00	0.00	0.00	0.00	0.00	168.12	179.59	180.69	0.95	0.02	0.00	529.37
	1997	0.00	0.00	0.00	0.00	0.00	0.00	2.07	133.44	82.97	3.48	0.00	0.00	221.96
	1998	0.00	0.00	0.00	0.00	0.00	0.00	3.98	79.04	12.46	24.19	0.33	0.00	119.99
	1999	0.00	0.00	0.00	0.00	0.00	0.01	58.74	67.15	34.99	13.19	0.00	0.00	174.08
	2000	0.00	0.00	0.00	0.00	0.00	0.00	112.28	4.49	0.00	0.00	0.00	0.00	116.77
	2001	0.00	0.00	0.00	0.00	0.00	22.35	286.86	59.19	0.29	0.00	0.00	0.00	368.70
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.65	24.89	0.00	0.00	0.00	63.54
	2003	0.00	0.15	0.00	0.00	0.00	0.43	1.26	66.80	76.39	6.10	0.00	0.00	151.12
	2004	0.00	0.00	0.00	0.00	0.00	0.00	24.89	448.90	10.02	0.21	0.00	0.00	484.01
	2005	0.00	0.00	0.00	0.00	0.00	0.00	45.08	110.97	87.95	5.09	0.00	0.00	249.08
	2006	0.00	0.00	0.00	0.00	0.00	13.51	108.53	619.78	74.36	2.35	0.04	0.00	818.57
	2007	0.00	0.00	0.00	0.00	0.00	0.00	65.76	138.42	10.30	0.00	0.00	0.00	214.48
	2008	0.00	0.00	0.00	0.00	0.00	0.00	27.00	112.81	25.63	0.75	0.00	0.00	166.19
	2009	0.00	0.00	0.00	0.00	0.00	0.00	86.89	64.42	96.37	2.18	0.00	0.00	249.86
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.49	153.42	105.57	0.08	0.38	0.00	260.95
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.97**	**25.04**	**49.24**	**20.69**	**1.56**	**1.27**	**0.23**	
Mean		**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**6.62**	**83.98**	**165.17**	**69.38**	**5.23**	**4.25**	**0.78**	**335.42**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Mahi Dam	1973	0.00	0.00	0.00	0.00	0.00	0.27	1854.52	1992.19	2884.90	97.84	0.11	0.00	6829.83
	1974	0.00	0.00	0.00	0.00	0.00	0.00	323.28	1127.07	107.44	380.87	1.19	0.00	1939.85
	1975	0.00	0.00	0.00	0.00	0.00	17.33	314.71	1392.77	999.48	88.58	2.27	0.00	2815.13
	1976	0.00	0.00	0.00	0.00	0.00	292.38	798.16	2828.39	865.73	0.58	49.51	10.44	4845.19
	1977	0.00	0.00	0.00	0.00	0.00	316.48	1403.21	1556.95	1006.47	12.75	0.47	0.00	4296.35
	1978	0.00	0.00	0.00	0.00	0.00	0.40	1345.63	2526.54	682.21	0.03	4.52	0.01	4559.34
	1979	0.00	0.00	0.00	0.00	0.00	52.77	81.18	1486.51	14.58	0.01	16.76	9.01	1660.81
	1980	0.00	0.00	0.00	0.00	0.00	202.36	498.99	1532.58	357.96	0.00	0.00	0.00	2591.88
	1981	0.00	0.00	0.00	0.00	0.00	31.83	1344.56	2234.86	387.76	52.85	27.50	0.00	4079.35
	1982	0.00	0.00	0.00	0.00	0.00	6.90	575.32	1541.15	40.49	0.00	74.81	0.00	2238.66
	1983	0.00	0.00	0.00	0.00	0.00	10.29	992.62	1616.15	423.27	234.49	0.00	0.00	3276.82
	1984	0.00	0.00	0.00	0.00	0.00	0.01	145.04	4025.64	110.70	0.49	0.00	0.00	4281.87
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.77	880.66	99.43	450.78	0.06	0.00	1431.69
	1986	0.00	0.00	0.00	0.00	0.00	0.01	2242.89	2003.98	7.77	0.00	0.00	0.00	4254.64
	1987	0.00	0.00	0.00	0.00	0.00	0.23	3.01	1595.52	617.41	79.23	0.71	0.17	2296.28
	1988	0.00	0.00	0.00	0.00	0.00	0.00	685.14	2124.78	365.73	527.11	0.00	0.00	3702.75
	1989	0.00	0.00	0.00	0.00	0.00	6.87	217.78	1250.55	534.73	3.56	0.00	0.00	2013.49
	1990	0.00	0.00	0.00	0.00	0.00	4.84	1372.41	2277.98	1089.42	65.22	0.04	0.00	4809.92
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1194.03	2079.78	109.07	0.00	0.00	0.00	3382.88
	1992	0.00	0.00	0.00	0.00	0.00	0.00	105.23	731.74	1002.59	125.27	2.89	0.00	1967.72
	1993	0.00	0.00	0.00	0.00	0.00	7.00	2062.64	1069.22	299.38	47.65	0.00	0.00	3485.88
	1994	0.18	0.00	0.00	0.00	0.00	410.05	1832.56	2956.95	2203.72	2.82	0.00	0.00	7406.28
	1995	0.01	0.00	0.00	0.00	0.00	0.00	1677.48	879.32	1115.34	2.40	0.00	0.00	3674.54
	1996	0.00	0.00	0.00	0.00	0.00	0.00	1611.59	1903.27	1274.23	4.22	0.00	0.00	4793.31
	1997	0.00	0.00	0.00	0.00	0.00	52.15	1062.25	2516.63	313.37	0.77	0.00	19.17	3964.35
	1998	0.00	0.00	0.00	0.00	0.00	0.54	890.30	663.71	1504.92	243.73	0.41	0.00	3303.61
	1999	0.00	0.00	0.00	0.00	0.00	43.34	327.30	150.85	646.45	147.15	0.21	0.00	1315.29
	2000	0.00	0.00	0.00	0.00	0.00	0.75	247.38	149.32	13.44	0.00	0.00	0.00	410.89
	2001	0.00	0.00	0.00	0.00	0.00	79.68	732.81	717.81	2.00	44.22	0.00	0.00	1576.52
	2002	0.00	0.00	0.00	0.00	0.00	24.72	109.63	453.99	544.84	0.23	0.00	0.00	1133.40
	2003	0.00	0.00	0.00	0.00	0.00	326.07	1433.21	1169.93	898.39	89.78	0.00	0.00	3917.38
	2004	0.00	0.00	0.00	0.00	0.00	7.04	111.29	3031.95	86.63	101.40	0.00	0.00	3338.30
	2005	0.00	0.00	0.00	0.00	0.00	0.00	690.49	992.88	997.92	20.95	0.00	0.00	2702.24
	2006	0.00	0.00	0.00	0.00	0.00	3.16	2002.91	3441.74	692.06	12.50	0.00	0.00	6152.37
	2007	0.00	0.00	0.00	0.00	0.00	5.65	1055.83	1640.25	622.34	134.40	12.82	0.17	3471.45
	2008	0.00	0.01	0.00	0.00	0.00	39.87	498.99	1667.30	358.73	419.71	0.28	0.00	2984.89
	2009	0.00	0.00	0.00	0.00	0.00	29.21	678.97	1186.80	782.01	24.37	0.49	0.00	2701.85
	2010	0.00	0.00	0.00	0.00	0.00	0.06	793.61	1944.52	655.52	21.51	2.69	0.00	3417.90
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.55**	**26.23**	**49.87**	**19.46**	**2.71**	**0.16**	**0.03**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**51.90**	**876.78**	**1666.90**	**650.48**	**90.46**	**5.20**	**1.03**	**3342.76**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Somkagdar	1973	0.00	0.00	0.00	0.00	0.01	0.90	18.81	27.83	190.80	0.95	0.19	0.05	239.53
	1974	0.00	0.00	0.00	0.00	0.20	0.09	0.09	36.67	2.17	0.18	0.01	0.00	39.40
	1975	0.00	0.00	0.00	0.00	0.00	0.60	18.15	50.86	45.28	8.27	0.11	0.01	123.28
	1976	0.01	0.07	0.00	0.00	0.00	0.10	37.12	71.81	83.90	0.78	11.51	2.43	207.74
	1977	0.02	0.00	0.00	0.00	0.25	5.44	121.92	30.29	68.66	0.51	0.06	0.00	227.17
	1978	0.00	0.00	0.00	0.08	0.01	0.53	13.17	43.52	30.53	0.31	0.17	0.00	88.31
	1979	0.00	0.02	0.00	0.00	0.00	0.83	1.36	30.11	0.44	0.40	7.22	2.06	42.44
	1980	0.00	0.00	0.00	0.00	0.00	36.16	38.38	43.58	2.60	0.03	0.00	0.10	120.85
	1981	0.01	0.00	0.00	0.00	0.00	0.09	24.10	90.05	5.72	1.40	0.19	0.00	121.55
	1982	0.00	0.00	0.00	0.14	0.23	0.03	16.17	44.35	0.84	0.02	22.67	0.21	84.65
	1983	0.03	0.00	0.00	0.00	0.00	0.11	91.17	117.21	13.67	14.87	0.24	0.03	237.32
	1984	0.00	0.00	0.00	0.00	0.00	3.23	107.83	85.36	44.82	2.09	0.12	0.01	243.45
	1985	0.00	0.00	0.00	0.00	0.00	0.25	1.47	40.39	0.28	19.49	0.11	0.00	61.98
	1986	0.00	0.00	0.00	0.00	0.00	0.35	26.52	49.10	0.32	0.00	0.00	0.00	76.28
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.04	11.61	9.71	0.03	0.00	0.13	21.52
	1988	0.00	0.00	0.00	0.00	0.00	0.01	3.45	89.30	0.74	0.19	0.00	0.00	93.69
	1989	0.00	0.00	0.00	0.00	0.00	0.28	16.90	41.54	46.53	0.23	0.01	0.00	105.49
	1990	0.00	0.00	0.01	0.00	0.00	1.14	40.82	51.88	45.44	7.09	0.10	0.01	146.48
	1991	0.00	0.00	0.00	0.00	0.00	0.00	108.13	37.12	0.61	0.04	0.00	0.00	145.91
	1992	0.00	0.00	0.00	0.00	0.00	0.02	6.57	64.76	26.57	0.19	0.00	0.00	98.11
	1993	0.00	0.00	0.00	0.00	0.00	0.31	103.09	1.57	0.19	0.24	0.05	0.00	105.45
	1994	0.00	0.00	0.00	0.01	0.00	0.13	59.65	78.75	83.13	0.76	0.12	0.01	222.56
	1995	0.00	0.00	0.00	0.00	0.00	0.00	1.01	1.18	25.43	0.11	0.00	0.00	27.73
	1996	0.00	0.00	0.00	0.00	0.02	0.18	6.53	26.86	34.89	0.25	0.00	0.00	68.73
	1997	0.00	0.00	0.00	0.00	0.00	0.95	9.68	57.93	40.38	0.52	0.03	0.04	109.54
	1998	0.00	0.00	0.00	0.01	0.00	0.01	64.52	18.04	79.34	18.64	0.54	0.06	181.16
	1999	0.00	0.00	0.00	0.00	0.09	21.09	2.69	1.22	0.25	0.17	0.00	0.00	25.51
	2000	0.00	0.00	0.00	0.00	0.00	0.26	1.13	2.92	0.12	0.00	0.00	0.00	4.43
	2001	0.00	0.00	0.00	0.00	0.00	2.14	48.61	59.84	0.51	0.11	0.00	0.00	111.21
	2002	0.00	0.00	0.00	0.00	0.00	0.50	0.31	1.42	37.25	0.21	0.00	0.00	39.69
	2003	0.00	0.00	0.00	0.00	0.00	0.23	30.43	82.55	12.08	0.24	0.01	0.00	125.54
	2004	0.00	0.00	0.00	0.00	0.01	0.88	0.24	124.81	1.09	0.43	0.02	0.00	127.48
	2005	0.00	0.00	0.00	0.00	0.05	0.07	4.67	67.04	40.51	4.36	0.08	0.00	116.79
	2006	0.00	0.00	0.00	0.00	0.00	1.09	24.43	324.35	72.16	1.54	0.30	0.10	423.98
	2007	0.01	0.04	0.00	0.00	0.00	0.07	2.22	23.49	5.56	0.21	0.00	0.00	31.60
	2008	0.00	0.00	0.00	0.00	0.00	0.08	0.86	5.82	0.64	0.06	0.02	0.00	7.48
	2009	0.00	0.00	0.00	0.00	0.00	0.11	45.29	20.51	29.08	0.17	0.00	0.00	95.17
	2010	0.00	0.00	0.00	0.00	0.00	0.28	21.56	70.50	19.47	0.23	0.37	0.11	112.51
	% flow	**0.00**	**0.00**	**0.00**	**0.01**	**0.02**	**1.76**	**25.08**	**45.41**	**24.69**	**1.91**	**0.99**	**0.12**	
Mean		**0.00**	**0.00**	**0.00**	**0.01**	**0.02**	**2.07**	**29.45**	**53.32**	**28.99**	**2.24**	**1.16**	**0.14**	**117.41**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Som Kamla Amba_Final	1973	0.00	0.00	0.00	0.00	0.00	1.59	360.51	598.36	1761.52	6.48	0.10	0.00	2728.56
	1974	0.00	0.00	0.00	0.00	0.17	0.00	74.19	350.34	14.84	18.84	0.00	0.00	458.38
	1975	0.00	0.00	0.00	0.00	0.00	4.70	263.88	540.23	375.06	61.60	2.10	0.00	1247.57
	1976	0.00	0.01	0.00	0.00	0.00	0.80	218.10	623.80	464.75	1.14	92.12	15.17	1415.88
	1977	0.00	0.00	0.00	0.00	0.06	13.16	524.43	328.91	427.94	0.63	0.00	0.00	1295.12
	1978	0.00	0.00	0.00	0.00	0.00	11.73	382.21	514.79	265.68	6.61	0.03	0.00	1181.05
	1979	0.00	0.00	0.00	0.00	0.00	2.02	69.88	265.97	26.75	40.10	105.31	20.54	530.56
	1980	0.00	0.00	0.00	0.00	0.00	137.25	315.25	335.87	81.80	0.00	0.00	0.23	870.39
	1981	0.00	0.00	0.00	0.00	0.00	12.74	152.54	471.67	73.98	18.16	6.58	0.00	735.66
	1982	0.00	0.00	0.00	0.04	16.92	0.01	104.89	301.86	15.73	0.00	110.39	0.18	550.01
	1983	0.00	0.00	0.00	0.00	0.00	34.16	643.08	653.80	150.96	153.15	0.36	0.00	1635.52
	1984	0.00	0.00	0.00	0.00	0.00	4.89	464.97	837.80	111.02	4.06	0.00	0.00	1422.74
	1985	0.00	0.00	0.00	0.00	0.00	0.08	16.39	586.57	10.72	89.97	0.01	0.00	703.74
	1986	0.00	0.00	0.00	0.00	0.00	1.04	247.19	367.74	1.34	0.00	0.00	0.00	617.31
	1987	0.00	0.00	0.00	0.00	0.00	54.56	0.66	175.22	128.46	0.00	0.00	0.40	359.30
	1988	0.00	0.00	0.00	0.00	0.00	0.10	74.62	652.99	68.35	17.19	0.00	0.00	813.25
	1989	0.00	0.00	0.00	0.00	0.00	7.68	203.51	759.59	259.12	0.28	0.00	0.00	1230.17
	1990	0.00	0.00	0.00	0.00	0.00	1.18	274.00	608.80	280.20	24.19	0.00	0.00	1188.36
	1991	0.00	0.00	0.00	0.00	0.00	0.00	591.66	436.31	30.85	0.00	0.00	0.00	1058.82
	1992	0.00	0.00	0.00	0.00	0.00	0.00	191.43	699.33	337.22	0.35	0.00	0.00	1228.33
	1993	0.00	0.00	0.00	0.00	0.00	1.51	777.54	20.29	10.92	4.06	0.00	0.00	814.32
	1994	0.00	0.00	0.00	0.00	0.00	50.18	481.84	730.13	648.52	3.49	0.00	0.00	1914.17
	1995	0.19	0.00	0.00	0.00	0.00	0.00	117.72	79.79	129.60	0.00	0.00	0.00	327.29
	1996	0.00	0.00	0.00	0.00	0.00	0.26	136.04	359.71	473.30	6.20	0.00	0.00	975.50
	1997	0.00	0.00	0.00	0.00	0.00	19.21	64.84	364.00	264.38	4.72	0.00	0.00	717.15
	1998	0.00	0.00	0.00	0.00	0.00	0.47	148.97	84.83	406.69	81.21	1.02	0.00	723.18
	1999	0.00	0.00	0.00	0.00	0.00	43.57	115.28	34.34	10.52	2.29	0.00	0.00	206.00
	2000	0.00	0.00	0.00	0.00	0.00	0.09	180.44	31.31	0.60	0.00	0.00	0.00	212.45
	2001	0.00	0.00	0.00	0.00	0.00	41.55	473.01	247.14	0.70	0.00	0.00	0.00	762.40
	2002	0.00	0.00	0.00	0.00	0.00	9.59	27.56	101.81	138.28	0.01	0.00	0.00	277.24
	2003	0.00	0.13	0.00	0.00	0.00	0.31	226.70	382.48	155.52	2.99	0.00	0.00	768.12
	2004	0.00	0.00	0.00	0.00	0.00	2.31	6.48	907.17	17.26	4.90	0.00	0.00	938.13
	2005	0.00	0.00	0.00	0.00	0.10	1.00	145.97	529.52	283.31	15.69	0.00	0.00	975.59
	2006	0.00	0.00	0.00	0.00	0.00	8.17	209.88	1984.96	341.89	6.84	0.03	0.00	2551.77
	2007	0.00	0.00	0.00	0.00	0.00	5.36	171.95	274.54	143.70	5.47	15.07	1.38	617.47
	2008	0.00	0.00	0.00	0.00	0.00	0.01	103.04	353.82	151.32	1.02	0.00	0.00	609.21
	2009	26.35	0.03	0.00	0.00	0.00	4.04	314.44	222.60	192.69	0.41	0.00	0.00	760.55
	2010	0.00	0.00	0.00	0.00	0.00	0.05	145.20	485.06	251.89	0.19	1.47	0.15	884.00
	% flow	**0.07**	**0.00**	**0.00**	**0.00**	**0.05**	**1.31**	**24.85**	**47.66**	**23.43**	**1.60**	**0.92**	**0.10**	
Mean		**0.70**	**0.00**	**0.00**	**0.00**	**0.45**	**12.51**	**237.38**	**455.35**	**223.88**	**15.32**	**8.81**	**1.00**	**955.40**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Surwania	1973	0.00	0.00	0.00	0.00	0.00	0.00	7.90	13.33	29.19	0.38	0.05	0.01	50.85
	1974	0.00	0.00	0.00	0.00	0.00	0.00	6.31	2.22	0.18	13.11	0.12	0.02	21.95
	1975	0.00	0.00	0.00	0.00	0.00	0.01	3.25	11.23	13.27	0.18	0.03	0.00	27.97
	1976	0.00	0.00	0.00	0.00	0.00	0.01	0.00	22.16	10.87	0.12	0.79	0.19	34.13
	1977	0.00	0.00	0.00	0.00	0.00	2.46	27.86	13.77	18.91	0.23	0.04	0.01	63.27
	1978	0.00	0.00	0.00	0.00	0.00	0.00	13.78	20.35	9.44	0.12	0.03	0.01	43.73
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.01	4.58	0.05	0.00	1.82	0.29	6.76
	1980	0.00	0.00	0.00	0.00	0.00	2.50	5.50	12.36	9.08	0.07	0.01	0.00	29.51
	1981	0.00	0.00	0.00	0.00	0.00	0.84	21.20	28.85	6.43	1.29	2.17	0.02	60.80
	1982	0.00	0.00	0.00	0.00	0.00	0.00	5.57	10.84	0.25	0.02	1.39	0.01	18.07
	1983	0.00	0.00	0.00	0.00	0.00	0.00	3.00	16.70	2.30	5.12	0.05	0.01	27.18
	1984	0.00	0.00	0.00	0.00	0.00	0.00	9.73	33.96	0.57	0.07	0.01	0.00	44.33
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.01	4.04	0.01	14.05	0.10	0.02	18.23
	1986	0.00	0.00	0.00	0.00	0.00	0.00	15.82	14.18	0.19	0.03	0.00	0.00	30.22
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.35	7.97	0.10	0.02	0.00	26.44
	1988	0.00	0.00	0.00	0.00	0.00	0.00	2.47	16.17	4.82	1.27	0.02	0.00	24.75
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.01	3.11	3.98	0.36	0.00	0.00	7.47
	1990	0.00	0.00	0.00	0.00	0.00	0.01	8.09	20.13	8.67	0.12	0.03	0.01	37.05
	1991	0.00	0.00	0.00	0.00	0.00	0.00	10.98	17.02	0.36	0.03	0.00	0.00	28.38
	1992	0.00	0.00	0.00	0.00	0.00	0.00	1.09	9.87	6.58	1.20	0.02	0.00	18.77
	1993	0.00	0.00	0.00	0.00	0.00	0.01	21.43	0.75	0.06	0.01	0.00	0.00	22.25
	1994	0.00	0.00	0.00	0.00	0.00	0.01	23.37	22.64	15.75	0.16	0.03	0.00	61.97
	1995	0.02	0.00	0.00	0.00	0.00	0.00	3.40	7.92	6.03	0.05	0.01	0.00	17.42
	1996	0.00	0.00	0.00	0.00	0.00	0.00	10.71	21.26	15.89	0.21	0.05	0.01	48.13
	1997	0.00	0.00	0.00	0.00	0.00	1.28	15.80	16.16	4.12	0.51	0.02	0.00	37.90
	1998	0.00	0.00	0.00	0.00	0.00	0.00	5.00	8.03	17.06	0.44	0.04	0.00	30.58
	1999	0.00	0.00	0.00	0.00	0.00	6.04	5.25	0.58	1.05	0.02	0.00	0.00	12.95
	2000	0.00	0.00	0.00	0.00	0.00	0.00	9.52	3.37	0.12	0.00	0.00	0.00	13.02
	2001	0.00	0.00	0.00	0.00	0.00	0.00	0.02	10.27	0.16	0.01	0.00	0.00	10.46
	2002	0.00	0.00	0.00	0.00	0.00	0.63	3.30	2.61	5.02	0.03	0.00	0.00	11.58
	2003	0.00	0.00	0.00	0.00	0.00	0.01	2.56	11.45	3.75	0.57	0.01	0.00	18.33
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.05	41.49	1.07	0.11	0.02	0.00	42.74
	2005	0.00	0.00	0.00	0.00	0.00	0.09	4.57	11.09	4.50	0.09	0.01	0.00	20.35
	2006	0.00	0.00	0.00	0.00	0.00	0.00	16.35	42.67	24.75	0.37	0.06	0.01	84.20
	2007	0.00	0.00	0.00	0.00	0.00	0.00	26.92	17.01	7.34	3.27	0.04	0.01	54.59
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.35	4.37	0.94	0.02	0.00	0.00	5.69
	2009	0.00	0.00	0.00	0.00	0.00	0.00	12.91	3.09	8.79	0.06	0.01	0.00	24.87
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.33	11.73	4.85	0.05	0.01	0.00	16.96
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.21**	**26.38**	**45.91**	**22.04**	**3.80**	**0.61**	**0.05**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.37**	**8.01**	**13.94**	**6.69**	**1.15**	**0.18**	**0.02**	**30.36**

Virgin Water Yield Series of Major/Medium Projects in Luni Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Angore Dam	1973	0.00	0.00	0.00	0.00	0.00	0.00	1.73	11.57	39.59	0.09	0.01	0.01	53.00
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.76	0.52	1.19	0.04	0.00	2.71
	1975	0.00	0.00	0.00	0.00	0.00	0.48	3.63	7.53	8.19	0.00	2.07	0.14	22.03
	1976	0.01	0.00	0.00	0.00	0.00	0.51	2.30	25.51	8.96	0.04	0.01	0.00	37.33
	1977	0.00	0.00	0.00	0.00	0.00	1.71	19.78	4.18	0.34	0.01	0.00	0.00	26.02
	1978	0.00	0.00	0.00	0.00	0.00	0.14	10.45	6.97	4.35	0.01	0.00	0.00	21.94
	1979	0.00	0.00	0.00	0.00	0.00	0.27	3.44	4.96	0.52	0.04	0.00	0.00	9.24
	1980	0.00	0.00	0.00	0.00	0.00	2.44	1.31	0.69	0.12	0.01	0.00	0.00	4.57
	1981	0.00	0.00	0.00	0.00	0.00	0.01	0.48	0.66	0.19	0.05	0.00	0.00	1.38
	1982	0.02	0.00	0.00	0.17	0.99	0.14	0.70	1.70	0.59	0.04	0.21	0.01	4.56
	1983	0.00	0.00	0.00	0.26	0.04	1.87	7.66	5.91	1.22	0.61	0.01	0.00	17.58
	1984	0.00	0.00	0.00	0.00	0.00	0.45	1.49	9.54	3.24	0.02	0.00	0.00	14.74
	1985	0.00	0.00	0.00	0.00	0.00	0.06	1.57	8.30	0.05	0.22	0.00	0.02	10.22
	1986	0.00	0.00	0.00	0.00	0.00	0.07	1.27	1.62	0.04	0.00	0.00	0.00	3.00
	1987	0.00	0.00	0.00	0.00	0.00	0.24	0.16	0.18	0.04	0.00	0.00	0.00	0.61
	1988	0.00	0.00	0.00	0.00	0.00	0.03	2.19	1.69	0.09	0.03	0.00	0.00	4.04
	1989	0.00	0.00	0.00	0.00	0.00	0.14	0.65	1.52	1.39	0.17	0.00	0.00	3.87
	1990	0.00	0.00	0.00	0.00	0.00	0.13	7.86	15.51	6.53	0.12	0.01	0.00	30.16
	1991	0.00	0.00	0.00	0.00	0.00	0.03	1.24	0.82	0.25	0.00	0.00	0.00	2.35
	1992	0.00	0.00	0.00	0.00	0.00	0.36	2.00	5.72	0.08	0.01	0.00	0.00	8.18
	1993	0.00	0.00	0.00	0.00	0.00	0.00	2.51	0.09	0.18	0.00	0.00	0.00	2.78
	1994	0.00	0.00	0.00	0.00	0.00	0.13	1.89	2.64	5.17	0.04	0.01	0.00	9.88
	1995	0.00	0.00	0.00	0.00	0.00	0.01	1.41	1.46	0.77	0.01	0.00	0.00	3.67
	1996	0.00	0.00	0.00	0.00	0.00	1.00	0.96	1.17	0.45	0.01	0.00	0.00	3.60
	1997	0.00	0.00	0.00	0.00	0.00	0.77	1.49	5.68	5.28	0.07	0.01	0.00	13.29
	1998	0.00	0.00	0.00	0.00	0.00	0.15	0.95	0.19	0.56	0.14	0.00	0.00	1.99
	1999	0.00	0.00	0.00	0.00	0.00	0.50	0.41	1.24	0.06	0.02	0.00	0.00	2.23
	2000	0.00	0.00	0.00	0.03	0.22	0.24	3.94	0.66	0.12	0.02	0.00	0.00	5.23
	2001	0.00	0.00	0.00	0.00	0.00	0.39	2.39	0.45	0.02	0.00	0.00	0.00	3.26
	2002	0.00	0.00	0.00	0.00	0.00	0.63	0.29	0.25	0.12	0.00	0.00	0.00	1.29
	2003	0.00	0.00	0.00	0.00	0.00	1.29	2.91	1.92	0.48	0.02	0.00	0.00	6.61
	2004	0.00	0.00	0.00	0.00	0.00	0.10	0.49	0.64	0.05	0.01	0.00	0.00	1.28
	2005	0.00	0.00	0.00	0.00	0.00	0.12	1.08	2.67	2.51	0.45	0.01	0.00	6.83
	2006	0.00	0.00	0.00	0.00	0.00	0.33	1.19	26.79	1.16	0.02	0.01	0.01	29.50
	2007	0.00	0.00	0.00	0.00	0.00	0.01	13.55	2.70	0.12	0.02	0.00	0.00	16.42
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.57	1.39	0.13	0.02	0.00	0.00	2.11
	2009	0.00	0.00	0.00	0.00	0.00	0.06	1.24	0.24	0.22	0.00	0.00	0.00	1.76
	2010	0.00	0.00	0.00	0.00	0.00	0.00	1.46	2.32	0.14	0.00	0.00	0.00	3.93
	% flow	**0.01**	**0.00**	**0.00**	**0.12**	**0.32**	**3.77**	**27.68**	**42.69**	**23.87**	**0.89**	**0.61**	**0.05**	
Mean		**0.00**	**0.00**	**0.00**	**0.01**	**0.03**	**0.39**	**2.86**	**4.42**	**2.47**	**0.09**	**0.06**	**0.01**	**10.35**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bandi Sandhara Bund	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.54	107.54	190.33	0.02	0.00	0.00	298.43
	1974	0.00	0.00	0.00	0.00	0.20	0.10	0.00	0.47	0.11	0.02	0.00	0.00	0.89
	1975	0.00	0.00	0.00	0.00	0.00	0.56	1.39	40.34	60.65	0.00	0.00	0.00	102.94
	1976	0.00	0.00	0.00	0.00	0.00	0.26	1.46	208.92	53.08	0.00	0.11	0.03	263.87
	1977	0.00	0.00	0.00	0.00	0.16	1.15	147.93	3.80	3.17	0.00	0.00	0.00	156.20
	1978	0.00	0.00	0.00	0.00	0.00	0.01	5.39	24.96	2.38	0.05	0.56	0.00	33.34
	1979	0.00	0.03	0.00	0.00	0.00	0.00	1.60	7.16	0.21	0.32	11.67	0.14	21.12
	1980	0.00	0.00	0.00	0.00	0.00	0.95	1.16	0.08	0.00	0.00	0.00	0.00	2.19
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.88	0.06	0.00	1.29	0.00	2.37
	1982	0.00	0.00	0.00	0.06	0.15	0.00	0.64	0.66	0.02	0.00	0.29	0.00	1.82
	1983	0.00	0.00	0.00	0.03	0.00	0.10	3.65	1.77	4.23	1.86	0.01	0.00	11.63
	1984	0.00	0.00	0.00	0.00	0.00	0.16	0.50	2.75	0.35	0.00	0.00	0.00	3.76
	1985	0.00	0.00	0.00	0.00	0.00	0.07	0.51	1.31	0.00	0.00	0.00	0.00	1.89
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.70	0.00	0.00	0.00	0.00	1.11
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.02	0.66
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.69	2.28	0.10	0.00	0.00	0.00	3.07
	1989	0.00	0.00	0.00	0.00	0.00	0.11	0.34	1.56	0.52	0.00	0.00	0.00	2.53
	1990	0.00	0.00	0.00	0.00	0.03	0.16	29.38	119.22	22.09	0.00	0.00	0.00	170.88
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.09	0.08	0.00	0.00	0.00	0.65
	1992	0.00	0.00	0.00	0.00	0.00	0.00	7.02	21.24	204.64	0.00	0.00	0.00	232.90
	1993	0.00	0.00	0.00	0.00	0.00	0.00	147.45	0.25	0.02	0.00	0.00	0.00	147.72
	1994	0.00	0.00	0.00	0.00	0.00	0.03	4.77	53.25	58.32	0.00	0.00	0.00	116.36
	1995	0.00	0.00	0.00	0.00	0.00	0.01	1.63	0.56	0.17	0.00	0.00	0.00	2.37
	1996	0.00	0.00	0.00	0.00	0.00	0.43	0.50	0.31	2.30	0.00	0.00	0.00	3.53
	1997	0.00	0.00	0.00	0.00	0.00	1.11	0.70	2.60	9.47	0.02	0.00	0.00	13.90
	1998	0.00	0.00	0.00	0.00	0.00	0.08	0.28	0.00	0.06	0.76	0.01	0.00	1.20
	1999	0.00	0.00	0.00	0.00	0.03	0.04	0.07	0.51	0.00	0.72	0.00	0.00	1.38
	2000	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.28	0.02	0.00	0.00	0.00	2.78
	2001	0.00	0.00	0.00	0.00	0.00	0.80	8.92	10.69	0.01	0.06	0.00	0.00	20.47
	2002	0.00	0.00	0.00	0.00	0.00	0.72	0.54	0.32	3.62	0.00	0.00	0.00	5.21
	2003	0.00	1.65	0.05	0.00	0.00	0.59	5.51	9.21	0.24	0.00	0.00	0.00	17.24
	2004	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.96	0.23	0.11	0.00	0.00	1.33
	2005	0.00	0.00	0.00	0.00	0.00	0.37	9.84	4.93	11.70	0.24	0.00	0.00	27.09
	2006	0.00	0.00	0.00	0.00	0.00	0.24	0.79	168.36	36.29	0.00	0.00	0.00	205.68
	2007	0.00	0.00	0.00	0.00	0.00	0.01	3.67	7.87	0.33	0.02	0.00	0.00	11.90
	2008	0.00	0.00	0.03	0.18	0.00	0.01	0.38	3.50	0.54	0.00	0.00	0.02	4.65
	2009	0.00	0.00	0.01	0.00	0.00	0.08	0.59	0.14	0.14	0.00	0.00	0.00	0.97
	2010	0.02	0.00	0.00	0.00	0.00	0.01	24.17	54.13	1.88	0.01	24.98	0.26	105.45
	% flow	**0.00**	**0.08**	**0.00**	**0.01**	**0.03**	**0.41**	**20.79**	**43.15**	**33.34**	**0.21**	**1.94**	**0.02**	
Mean		**0.00**	**0.04**	**0.00**	**0.01**	**0.01**	**0.21**	**10.95**	**22.73**	**17.56**	**0.11**	**1.02**	**0.01**	**52.67**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Bankli Bund	1973	0.00	0.00	0.00	0.00	0.00	0.27	2.79	1270.37	941.93	0.01	0.00	0.00	2215.36
	1974	0.00	0.00	0.00	0.00	0.00	0.03	0.30	0.45	0.00	0.00	0.00	0.00	0.78
	1975	0.00	0.00	0.00	0.00	0.00	1.08	1.58	2.03	35.02	0.02	0.00	0.00	39.73
	1976	0.00	0.00	0.00	0.00	0.00	0.01	1.43	11.24	7.93	0.00	0.00	0.00	20.61
	1977	0.00	0.00	0.00	0.00	0.00	2.82	33.48	24.74	0.13	0.00	0.00	0.00	61.17
	1978	0.00	0.00	0.00	0.00	0.00	1.01	6.57	33.45	11.07	0.00	0.00	0.00	52.11
	1979	0.00	0.13	0.00	0.00	0.08	0.01	43.39	11.83	0.02	0.06	0.34	0.00	55.86
	1980	0.00	0.00	0.00	0.00	0.00	1.46	3.84	1.36	0.04	0.00	0.00	0.19	6.90
	1981	0.00	0.00	0.00	0.00	0.01	0.77	3.22	0.52	0.56	0.02	0.61	0.00	5.69
	1982	0.00	0.00	0.00	0.04	0.99	0.15	3.06	14.63	0.53	0.00	0.13	0.00	19.52
	1983	0.00	0.00	0.00	0.09	0.01	17.31	342.03	235.11	35.46	0.00	0.00	0.00	630.01
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	2.44	0.00	0.00	0.00	8.64
	1985	0.00	0.00	0.00	0.01	0.00	0.85	2.11	6.65	0.00	0.00	0.00	0.00	9.63
	1986	0.00	0.00	0.00	0.00	0.00	0.02	4.11	4.88	0.00	0.00	0.00	0.00	9.00
	1987	0.00	0.00	0.00	0.00	0.00	0.18	0.51	0.09	0.00	0.00	0.00	0.00	0.79
	1988	0.00	0.00	0.00	0.00	0.00	0.26	18.17	3.39	0.52	0.00	0.00	0.00	22.35
	1989	0.00	0.00	0.00	0.00	0.00	0.26	0.67	2.96	1.11	0.01	0.00	0.00	5.00
	1990	0.00	0.00	0.00	0.00	0.00	0.19	66.16	3.00	0.94	0.00	0.00	0.00	70.29
	1991	0.00	0.00	0.00	0.00	0.00	0.00	2.59	1.43	0.05	0.00	0.00	0.00	4.06
	1992	0.00	0.00	0.00	0.00	0.00	0.00	4.76	45.27	174.88	0.01	0.00	0.00	224.92
	1993	0.00	0.00	0.00	0.00	0.00	1.08	29.49	0.29	0.96	0.00	0.00	0.00	31.82
	1994	0.00	0.00	0.00	0.00	0.00	0.13	3.52	12.54	10.46	0.00	0.00	0.00	26.65
	1995	0.00	0.00	0.00	0.00	0.00	0.00	11.92	3.73	0.80	0.00	0.00	0.00	16.45
	1996	0.00	0.00	0.00	0.00	0.00	0.81	2.72	7.72	1.18	0.00	0.00	0.00	12.43
	1997	0.00	0.00	0.00	0.00	0.00	0.19	3.07	10.31	18.36	0.00	0.00	0.00	31.92
	1998	0.00	0.00	0.00	0.00	0.00	0.03	1.39	0.04	1.15	0.01	0.00	0.00	2.62
	1999	0.00	0.00	0.00	0.00	0.00	0.79	0.24	5.58	0.02	0.00	0.00	0.00	6.62
	2000	0.00	0.00	0.00	0.01	0.01	0.27	10.60	1.80	0.01	0.00	0.00	0.00	12.70
	2001	0.00	0.00	0.00	0.00	0.00	0.67	28.20	12.29	0.01	0.00	0.00	0.00	41.17
	2002	0.00	0.00	0.00	0.00	0.00	0.32	3.72	6.12	1.26	0.00	0.00	0.00	11.41
	2003	0.00	0.00	0.00	0.00	0.01	0.78	7.23	102.69	157.15	0.00	0.00	0.00	267.87
	2004	0.00	0.00	0.00	0.00	0.00	1.08	2.46	8.75	22.17	0.00	0.00	0.00	34.45
	2005	0.00	0.00	0.00	0.00	0.00	0.03	2.03	1.41	2.63	0.09	0.12	0.00	6.32
	2006	0.00	0.00	0.00	0.00	0.06	0.89	173.40	104.91	39.79	0.14	0.08	0.00	319.27
	2007	0.00	0.00	0.00	0.00	0.00	0.47	9.67	32.49	0.97	0.00	0.14	0.00	43.75
	2008	0.02	0.57	0.07	0.00	0.00	0.02	0.93	5.95	41.27	0.25	0.00	0.00	49.07
	2009	0.00	0.41	0.00	0.00	0.13	0.65	23.70	12.99	0.22	0.00	0.10	0.00	38.19
	2010	0.00	0.00	0.00	0.00	0.13	0.65	4.04	41.60	18.46	0.08	0.09	0.00	65.04
	% flow	**0.00**	**0.02**	**0.00**	**0.00**	**0.03**	**0.79**	**19.18**	**45.77**	**34.14**	**0.02**	**0.04**	**0.00**	
Mean		**0.00**	**0.03**	**0.00**	**0.00**	**0.04**	**0.94**	**22.61**	**53.97**	**40.25**	**0.02**	**0.04**	**0.01**	**117.90**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Bisalpur	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00	167.42	1.24	0.00	0.00	0.00	168.66
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1975	0.00	0.00	0.00	0.00	0.00	0.00	24.93	46.44	157.82	7.93	0.00	0.00	237.11
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	14.83	0.00	0.00	0.00	17.05
	1977	0.00	0.00	0.00	0.00	0.00	0.00	20.28	36.78	0.00	0.00	0.00	0.00	57.05
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.19	0.01	0.00	0.00	0.00	0.21
	1979	0.00	0.00	0.00	0.00	0.00	0.00	419.52	6.85	0.00	0.00	0.00	0.00	426.37
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.00	0.00	0.00	0.00	0.16
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.26
	1983	0.00	0.00	0.00	0.00	0.00	0.00	3.14	22.16	0.00	0.00	0.00	0.00	25.30
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.09
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.04	0.00	0.00	0.00	0.52
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.57	7.42	0.00	0.00	0.00	0.00	7.99
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.16
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.01	28.63	0.00	0.00	0.00	35.64
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1994	0.00	0.00	0.00	0.00	0.00	0.00	5.46	24.44	0.00	0.00	0.00	0.00	29.90
	1995	0.00	0.00	0.00	0.00	0.00	0.00	3.02	4.39	0.06	0.00	0.00	0.00	7.47
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.52	73.30	0.23	0.00	0.00	0.00	74.06
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.10	0.01	0.00	0.00	0.00	128.11
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	1.08
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2001	0.00	0.00	0.00	0.00	0.00	0.00	1.41	3.93	0.00	0.00	0.00	0.00	5.34
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
	2007	0.00	0.00	0.00	0.00	0.00	0.00	26.18	0.08	0.00	0.00	0.00	0.00	26.26
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	0.00	0.00	0.00	2.20
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**40.42**	**42.54**	**16.40**	**0.63**	**0.00**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**13.31**	**14.01**	**5.40**	**0.21**	**0.00**	**0.00**	**32.92**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Giroliya Tank	1973	0.00	0.00	0.00	0.00	0.00	0.52	0.00	104.57	94.30	0.00	0.00	0.00	199.38
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.11	0.00	0.00	0.00	0.14
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	4.08	0.00	0.00	0.00	4.29
	1977	0.00	0.00	0.00	0.00	0.00	0.00	5.15	8.49	0.00	0.00	0.00	0.00	13.64
	1978	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.06	0.00	0.00	0.00	0.00	7.89
	1979	0.00	0.00	0.00	0.00	0.00	0.00	264.87	93.56	0.00	0.00	0.00	0.00	358.43
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.86	0.00	0.00	0.00	0.00	0.88
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.12
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00	0.00	0.00	0.00	0.16
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.00	0.00	0.00	0.00	0.06
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.10
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.01	0.00	0.00	0.00	0.21
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.07
	1990	0.00	0.00	0.00	0.00	0.00	0.00	9.68	118.81	19.40	0.00	0.00	0.00	147.90
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.00	0.00	0.00	0.08
	1992	0.00	0.00	0.00	0.00	0.00	0.00	16.92	7.22	64.83	0.00	0.00	0.00	88.97
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1994	0.00	0.00	0.00	0.00	0.00	0.00	15.16	4.37	0.14	0.00	0.00	0.00	19.67
	1995	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.39	0.00	0.00	0.00	0.00	8.22
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.25	19.30	0.02	0.00	0.00	0.00	19.57
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.02	97.52	0.21	0.00	0.00	0.00	97.75
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.85	0.00	0.00	0.00	0.00	9.85
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
	2001	0.00	0.00	0.00	0.00	0.00	0.00	0.26	2.22	0.00	0.00	0.00	0.00	2.48
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.13	0.10	0.00	0.00	0.00	1.30
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.00	0.00	0.00	0.10
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.78	0.00	0.00	0.00	0.00	0.79
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.06
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.36	0.01	0.00	0.00	0.00	0.41
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.05**	**33.45**	**47.84**	**18.66**	**0.00**	**0.00**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**8.65**	**12.37**	**4.82**	**0.00**	**0.00**	**0.00**	**25.86**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Hemawas Bund	1973	0.00	0.00	0.00	0.00	0.00	0.03	0.77	353.01	263.35	0.00	0.00	0.00	617.16
	1974	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.13	0.00	0.01	0.00	0.00	0.16
	1975	0.00	0.00	0.00	0.00	0.00	0.04	19.20	9.62	114.33	10.10	0.02	0.00	153.32
	1976	0.00	0.00	0.00	0.00	0.00	0.00	2.57	35.44	37.71	0.00	0.00	0.00	75.72
	1977	0.00	0.00	0.00	0.00	0.00	1.08	201.93	53.27	0.07	0.00	0.00	0.00	256.34
	1978	0.00	0.00	0.00	0.00	0.00	0.58	28.63	66.10	28.67	0.33	0.01	0.00	124.32
	1979	0.00	0.01	0.00	0.00	0.00	0.01	372.03	41.81	0.00	0.00	0.06	0.00	413.93
	1980	0.00	0.00	0.00	0.00	0.00	0.11	372.83	13.58	0.11	0.00	0.00	0.01	386.64
	1981	0.00	0.00	0.00	0.00	0.00	0.29	1.07	0.01	0.04	0.00	0.01	0.00	1.42
	1982	0.00	0.00	0.00	0.00	0.04	0.00	0.60	11.25	0.26	0.00	0.01	0.00	12.16
	1983	0.00	0.00	0.00	0.02	0.00	4.70	15.51	15.92	63.56	0.02	0.00	0.00	99.73
	1984	0.00	0.00	0.00	0.00	0.00	0.00	1.19	7.13	2.27	0.00	0.00	0.00	10.59
	1985	0.00	0.00	0.00	0.00	0.00	0.10	0.13	2.44	0.00	0.00	0.00	0.00	2.68
	1986	0.00	0.00	0.00	0.00	0.00	0.00	4.98	17.22	0.00	0.00	0.00	0.00	22.21
	1987	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.04
	1988	0.00	0.00	0.00	0.00	0.00	0.07	8.63	16.82	60.01	1.17	0.00	0.00	86.69
	1989	0.00	0.00	0.00	0.00	0.00	0.01	0.21	25.25	4.23	0.08	0.00	0.00	29.78
	1990	0.00	0.00	0.00	0.00	0.00	0.05	96.37	142.17	27.24	0.00	0.00	0.00	265.83
	1991	0.00	0.00	0.00	0.00	0.00	0.00	1.14	69.85	26.91	0.00	0.00	0.00	97.90
	1992	0.00	0.00	0.00	0.00	0.00	0.00	5.57	121.97	113.76	0.00	0.00	0.00	241.30
	1993	0.00	0.00	0.00	0.00	0.00	1.95	53.43	0.19	20.84	0.00	0.00	0.00	76.41
	1994	0.00	0.00	0.00	0.00	0.00	0.03	17.65	128.99	65.92	0.00	0.00	0.00	212.59
	1995	0.00	0.00	0.00	0.00	0.00	0.00	126.85	74.09	28.12	0.00	0.00	0.00	229.06
	1996	0.00	0.00	0.00	0.00	0.00	0.18	4.09	85.09	1.09	0.00	0.00	0.00	90.45
	1997	0.00	0.00	0.00	0.00	0.00	0.01	3.43	125.19	9.14	0.57	0.00	0.00	138.34
	1998	0.00	0.00	0.00	0.00	0.00	0.02	0.32	0.13	0.14	5.13	0.01	0.00	5.75
	1999	0.00	0.00	0.00	0.00	0.00	0.02	2.48	17.17	0.00	0.00	0.00	0.00	19.68
	2000	0.00	0.00	0.00	0.00	0.00	0.00	4.12	0.44	0.02	0.00	0.00	0.00	4.58
	2001	0.00	0.00	0.00	0.00	0.00	0.39	19.48	73.74	0.09	0.00	0.00	0.00	93.69
	2002	0.00	0.00	0.00	0.00	0.00	0.06	0.48	0.04	1.10	0.00	0.00	0.00	1.68
	2003	0.00	0.00	0.00	0.00	0.00	0.20	16.41	73.63	5.28	0.33	0.00	0.00	95.85
	2004	0.00	0.00	0.00	0.00	0.00	0.05	0.25	8.60	0.47	4.55	0.00	0.00	13.91
	2005	0.00	0.00	0.00	0.00	0.00	0.16	1.17	0.55	4.67	0.39	0.00	0.00	6.94
	2006	0.00	0.00	0.00	0.00	0.00	0.01	1.08	309.89	21.91	0.00	0.00	0.00	332.89
	2007	0.00	0.00	0.00	0.00	0.00	0.02	100.60	1.32	0.01	0.00	0.00	0.00	101.94
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.01	7.29	0.08	0.00	0.00	0.00	7.38
	2009	0.00	0.00	0.00	0.00	0.00	0.00	4.60	3.11	0.36	0.00	0.00	0.00	8.08
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.30	11.96	20.60	0.00	3.72	0.29	36.88
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.23**	**34.07**	**44.00**	**21.09**	**0.52**	**0.09**	**0.01**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.27**	**39.21**	**50.64**	**24.27**	**0.60**	**0.10**	**0.01**	**115.11**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Jaswant Sagar MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.01	0.02	68.70	22.93	0.00	0.00	0.00	91.66
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.03	0.00	0.02	0.00	0.00	0.41
	1975	0.00	0.00	0.00	0.00	0.00	0.00	14.89	58.60	128.98	57.91	0.00	0.00	260.38
	1976	0.00	0.00	0.00	0.00	0.00	0.00	10.96	415.15	225.45	0.00	0.00	0.00	651.57
	1977	0.00	0.00	0.00	0.00	0.00	0.72	143.54	58.09	0.02	0.00	0.00	0.00	202.37
	1978	0.00	0.00	0.00	0.00	0.00	0.01	4.45	0.48	1.58	0.01	0.00	0.00	6.52
	1979	0.00	0.06	0.00	0.00	0.43	0.00	959.40	33.37	0.00	0.00	0.00	0.00	993.26
	1980	0.00	0.00	0.00	0.00	0.00	0.71	5.96	7.53	0.00	0.00	0.00	0.05	14.24
	1981	0.00	0.00	0.00	0.00	0.00	1.05	19.69	0.03	0.04	0.00	0.00	0.00	20.82
	1982	0.16	0.00	0.00	0.00	0.00	0.00	0.48	2.76	0.00	0.00	0.00	0.00	3.39
	1983	0.00	0.00	0.00	0.28	0.00	0.14	102.02	743.26	11.30	0.07	0.00	0.00	857.06
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.56	3.95	14.83	0.00	0.00	0.00	19.34
	1985	0.00	0.00	0.00	0.00	0.00	0.00	2.15	6.63	0.00	0.00	0.00	0.00	8.77
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.48	0.00	0.00	0.00	0.00	0.76
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
	1988	0.00	0.00	0.00	0.00	0.00	0.07	24.84	1.84	0.00	0.00	0.00	0.00	26.74
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.09	14.76	0.98	0.00	0.00	0.00	15.83
	1990	0.00	0.00	0.00	0.00	0.00	0.06	2.63	20.80	1.65	0.51	0.25	0.00	25.90
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	12.01	0.00	0.00	0.00	13.86
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.23	24.60	43.03	0.00	0.00	0.00	67.85
	1993	0.00	0.00	0.00	0.00	0.00	45.28	1.64	0.03	0.29	0.00	0.00	0.00	47.24
	1994	0.07	0.00	0.00	0.00	0.00	0.10	46.44	166.97	0.24	0.00	0.00	0.00	213.82
	1995	0.00	0.00	0.00	0.00	0.00	0.00	49.26	120.07	9.09	0.00	0.00	0.00	178.42
	1996	0.00	0.00	0.00	0.00	0.00	1.83	2.50	92.24	38.85	0.00	0.00	0.00	135.43
	1997	0.00	0.00	0.00	0.01	0.00	1.60	5.39	119.97	32.74	1.53	0.00	0.00	161.23
	1998	0.00	0.00	0.00	0.00	0.00	0.03	1.40	0.41	2.93	2.84	0.00	0.00	7.61
	1999	0.00	0.00	0.00	0.00	0.00	0.06	36.80	20.02	0.01	0.00	0.00	0.00	56.89
	2000	0.00	0.00	0.00	0.00	0.00	0.00	31.34	1.76	0.09	0.00	0.00	0.00	33.19
	2001	0.00	0.00	0.00	0.00	0.00	0.20	58.07	48.77	0.02	0.00	0.00	0.00	107.06
	2002	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.67	0.03	0.00	0.00	0.00	0.74
	2003	0.00	0.06	0.00	0.00	0.00	0.15	4.37	91.95	3.63	0.00	0.00	0.00	100.16
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.14	15.42	0.02	0.02	0.00	0.00	15.60
	2005	0.00	0.00	0.00	0.00	0.00	0.00	2.45	0.46	25.43	0.36	0.00	0.00	28.70
	2006	0.00	0.00	0.00	0.00	0.00	0.07	1.01	7.20	4.93	0.00	0.00	0.00	13.21
	2007	0.00	0.00	0.00	0.00	0.00	0.02	114.90	0.96	1.14	0.00	0.00	0.00	117.03
	2008	0.00	0.00	0.00	0.00	0.00	0.09	4.65	20.33	0.07	0.00	0.00	0.00	25.14
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.01	0.00	0.00	0.00	0.00	0.65
	2010	0.00	0.00	0.00	0.00	0.00	0.00	2.01	105.53	79.68	0.00	1.24	0.12	188.58
	% flow	**0.00**	**0.00**	**0.00**	**0.01**	**0.01**	**1.11**	**35.14**	**48.30**	**14.05**	**1.34**	**0.03**	**0.00**	
Mean		**0.01**	**0.00**	**0.00**	**0.01**	**0.01**	**1.37**	**43.57**	**59.89**	**17.42**	**1.66**	**0.04**	**0.00**	**123.99**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Jawai Bund	1973	0.00	0.00	0.00	0.00	0.00	0.58	2.00	472.74	396.06	0.07	0.00	0.00	871.45
	1974	0.00	0.00	0.00	0.00	0.13	0.18	0.37	0.68	0.06	0.00	0.00	0.00	1.43
	1975	0.00	0.00	0.00	0.00	0.00	0.49	33.40	65.65	144.19	1.47	0.12	0.00	245.33
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.42	83.41	8.01	0.00	0.54	0.17	92.55
	1977	0.09	0.01	0.00	0.00	0.01	0.92	26.64	40.07	0.14	0.00	0.00	0.00	67.87
	1978	0.00	0.01	0.01	0.00	0.00	0.60	88.82	59.30	16.95	1.52	1.07	0.01	168.29
	1979	0.00	0.44	0.00	0.00	0.23	0.13	107.32	28.28	0.02	0.24	0.84	0.08	137.59
	1980	0.00	0.00	0.00	0.00	0.00	0.58	2.55	0.53	0.02	0.00	0.00	0.24	3.92
	1981	0.03	0.00	0.00	0.00	0.02	0.31	1.69	0.13	0.37	0.13	0.41	0.00	3.09
	1982	0.00	0.00	0.00	0.05	1.71	0.01	1.43	1.69	0.14	0.00	0.09	0.01	5.13
	1983	0.00	0.00	0.00	0.05	0.02	2.02	140.56	58.28	0.57	0.00	0.00	0.00	201.51
	1984	0.00	0.00	0.00	0.00	0.00	0.36	0.63	2.25	3.24	0.01	0.00	0.00	6.49
	1985	0.00	0.00	0.00	0.00	0.00	0.82	1.11	2.99	0.00	0.00	0.00	0.00	4.92
	1986	0.00	0.00	0.00	0.00	0.13	0.18	30.61	53.30	0.14	0.00	0.00	0.00	84.36
	1987	0.00	0.00	0.00	0.00	0.01	0.18	0.59	0.19	0.05	0.00	0.00	0.22	1.25
	1988	0.01	0.00	0.00	0.00	0.00	0.27	15.29	18.68	3.18	10.20	0.00	0.00	47.62
	1989	0.04	0.00	0.00	0.00	0.00	0.68	1.36	32.01	7.61	0.33	0.00	0.00	42.03
	1990	0.00	0.02	0.03	0.00	0.00	0.22	387.30	63.56	27.01	0.33	0.00	0.00	478.46
	1991	0.00	0.00	0.00	0.17	0.00	0.00	5.45	15.21	0.27	0.00	0.00	0.00	21.10
	1992	0.00	0.00	0.00	0.00	0.00	0.00	28.47	154.52	181.10	0.17	0.00	0.00	364.26
	1993	0.00	0.00	0.00	0.00	0.00	0.85	104.48	0.95	22.79	0.33	0.00	0.00	129.41
	1994	0.45	0.00	0.00	0.00	0.00	0.10	29.97	123.15	39.53	0.03	0.00	0.00	193.22
	1995	0.29	0.00	0.00	0.00	0.00	0.00	85.66	11.41	4.95	0.30	0.00	0.00	102.61
	1996	0.00	0.00	0.00	0.00	0.03	0.88	18.67	85.87	5.97	0.00	0.00	0.00	111.42
	1997	0.00	0.00	0.00	0.00	0.01	0.17	18.31	70.44	65.11	0.44	0.00	0.00	154.48
	1998	0.00	0.00	0.00	0.01	0.00	0.03	4.73	0.18	10.53	37.31	0.31	0.00	53.09
	1999	0.00	0.00	0.00	0.00	0.00	1.80	0.37	42.16	0.10	43.60	0.07	0.00	88.09
	2000	0.00	0.00	0.00	0.01	0.00	0.02	44.86	1.35	0.00	0.00	0.00	0.00	46.25
	2001	0.00	0.00	0.00	0.00	0.03	0.88	69.67	37.98	0.13	0.00	0.00	0.00	108.69
	2002	0.00	0.01	0.00	0.00	0.00	0.48	1.10	0.16	1.00	0.02	0.00	0.00	2.77
	2003	0.00	0.52	0.04	0.00	0.00	0.49	46.79	54.21	2.54	0.01	0.00	0.00	104.61
	2004	0.00	0.00	0.00	0.00	0.00	0.44	2.03	18.78	0.15	0.43	0.00	0.00	21.83
	2005	0.00	0.00	0.00	0.01	0.01	0.52	1.81	0.49	30.77	1.00	0.00	0.00	34.61
	2006	0.00	0.00	0.00	0.00	0.00	0.35	49.85	422.12	8.37	0.00	0.00	0.00	480.69
	2007	0.00	0.04	0.13	0.00	0.00	0.38	152.99	8.34	0.06	0.00	0.00	0.00	161.94
	2008	0.00	0.00	0.00	0.00	0.01	0.03	0.60	55.18	0.59	0.02	0.00	0.00	56.43
	2009	0.00	0.00	0.00	0.00	0.00	0.12	4.00	1.09	0.12	0.00	0.00	0.00	5.33
	2010	0.00	0.00	0.00	0.00	0.00	0.02	6.36	158.88	52.33	0.12	23.30	0.84	241.86
	% flow	**0.02**	**0.02**	**0.00**	**0.01**	**0.05**	**0.32**	**30.70**	**45.41**	**20.91**	**1.98**	**0.54**	**0.03**	
Mean		**0.02**	**0.03**	**0.01**	**0.01**	**0.06**	**0.42**	**39.95**	**59.11**	**27.21**	**2.58**	**0.70**	**0.04**	**130.16**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Kharda Bund	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.02	7.08	0.00	0.00	0.00	27.09
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1975	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.74	13.23	4.18	0.01	0.00	23.51
	1976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	3.59	0.00	0.00	0.00	4.40
	1977	0.00	0.00	0.00	0.00	0.00	0.00	3.36	9.15	0.00	0.00	0.00	0.00	12.51
	1978	0.00	0.00	0.00	0.00	0.00	0.00	7.21	1.61	1.14	0.00	0.00	0.00	9.96
	1979	0.00	0.00	0.00	0.00	0.00	0.00	40.02	7.89	0.00	0.00	0.00	0.00	47.91
	1980	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.56	0.00	0.00	0.00	0.00	0.66
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87	1.23	0.02	0.00	0.00	4.13
	1983	0.00	0.00	0.00	0.00	0.00	0.00	0.97	4.32	0.00	0.00	0.00	0.00	5.30
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.88
	1986	0.00	0.00	0.00	0.00	0.00	0.00	2.22	1.27	0.00	0.00	0.00	0.00	3.49
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	5.15	0.00	1.56	0.01	0.00	0.00	6.72
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1990	0.00	0.00	0.00	0.00	0.00	0.00	15.06	29.95	4.92	0.00	0.00	0.00	49.92
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.00	1.05
	1992	0.00	0.00	0.00	0.00	0.00	0.00	2.50	11.90	10.56	0.00	0.00	0.00	24.96
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
	1994	0.00	0.00	0.00	0.00	0.00	0.00	10.38	11.13	1.09	0.00	0.00	0.00	22.60
	1995	0.00	0.00	0.00	0.00	0.00	0.00	9.55	2.20	0.27	0.00	0.00	0.00	12.01
	1996	0.00	0.00	0.00	0.00	0.00	0.00	5.31	13.14	0.29	0.00	0.00	0.00	18.74
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.82	0.03	0.00	0.00	0.00	31.85
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.44	0.00	0.00	0.00	0.00	3.45
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2001	0.00	0.00	0.00	0.00	0.00	0.00	3.56	8.21	0.00	0.00	0.00	0.00	11.77
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.02	4.77	0.00	0.00	0.00	0.00	4.79
	2007	0.00	0.00	0.00	0.00	0.00	0.00	20.97	3.95	0.43	0.00	0.00	0.00	25.35
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	0.00	1.93
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**35.99**	**49.19**	**13.63**	**1.19**	**0.00**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.36**	**4.60**	**1.27**	**0.11**	**0.00**	**0.00**	**9.34**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Ora Bund	1973	0.00	0.00	0.00	0.00	0.00	0.46	0.64	96.72	159.56	0.03	0.00	0.00	257.41
	1974	0.00	0.00	0.00	0.00	0.00	0.01	0.14	0.38	0.06	0.62	0.00	0.00	1.22
	1975	0.00	0.00	0.00	0.00	0.00	0.41	23.17	51.35	37.79	7.63	0.04	0.00	120.38
	1976	0.00	0.00	0.00	0.00	0.00	0.09	0.49	9.47	3.42	0.00	0.00	0.00	13.48
	1977	0.00	0.00	0.00	0.00	0.00	7.82	27.37	1.43	0.00	0.00	0.00	0.00	36.62
	1978	0.00	0.00	0.00	0.00	0.00	0.21	7.79	0.88	5.40	0.00	0.00	0.00	14.28
	1979	0.00	0.00	0.00	0.00	0.00	0.09	29.06	22.29	0.11	0.00	0.00	0.00	51.55
	1980	0.00	0.00	0.00	0.00	0.00	0.43	5.79	1.61	0.15	0.00	0.00	0.00	7.99
	1981	0.00	0.00	0.00	0.00	0.00	0.04	0.38	0.48	0.44	0.01	0.00	0.00	1.35
	1982	0.01	0.00	0.00	0.09	0.47	0.03	0.40	0.54	0.33	0.00	0.11	0.00	1.98
	1983	0.00	0.00	0.00	0.07	0.02	2.25	54.75	13.60	0.31	0.34	0.00	0.00	71.33
	1984	0.00	0.00	0.00	0.00	0.00	0.13	0.73	17.49	8.61	0.00	0.00	0.00	26.96
	1985	0.00	0.00	0.00	0.00	0.00	0.01	0.56	11.08	0.00	0.07	0.00	0.02	11.74
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.28	0.00	0.00	0.00	0.00	0.61
	1987	0.00	0.00	0.00	0.00	0.00	0.06	0.03	0.03	0.00	0.00	0.00	0.00	0.11
	1988	0.00	0.00	0.00	0.00	0.00	0.01	0.34	0.34	0.08	0.02	0.00	0.00	0.79
	1989	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.26	0.26	0.03	0.00	0.00	0.63
	1990	0.00	0.00	0.00	0.00	0.00	0.01	1.01	2.19	1.99	0.01	0.00	0.00	5.20
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.09	0.01	0.00	0.00	0.00	0.28
	1992	0.00	0.00	0.00	0.00	0.00	0.10	20.68	41.65	62.16	0.02	0.00	0.00	124.61
	1993	0.00	0.00	0.00	0.00	0.00	0.10	39.40	0.18	0.24	0.04	0.00	0.00	39.95
	1994	0.00	0.00	0.00	0.00	0.00	0.01	0.36	0.42	0.39	0.00	0.00	0.00	1.18
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.38	0.14	0.00	0.00	0.00	0.96
	1996	0.00	0.00	0.00	0.00	0.00	0.28	0.20	0.22	0.11	0.00	0.00	0.00	0.81
	1997	0.00	0.00	0.00	0.00	0.00	0.11	0.23	0.63	0.32	0.00	0.00	0.00	1.29
	1998	0.00	0.00	0.00	0.00	0.00	0.02	0.22	0.03	0.10	0.02	0.00	0.00	0.38
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.87	0.00	0.00	0.00	0.00	1.02
	2000	0.00	0.00	0.00	0.01	0.10	0.27	4.73	0.23	0.03	0.00	0.00	0.00	5.36
	2001	0.00	0.00	0.00	0.00	0.00	1.40	50.38	10.71	0.02	0.00	0.00	0.00	62.51
	2002	0.00	0.00	0.00	0.00	0.00	0.52	2.14	0.01	0.39	0.00	0.00	0.00	3.05
	2003	0.00	0.00	0.00	0.00	0.00	0.47	33.51	35.17	0.78	0.00	0.00	0.00	69.92
	2004	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.59	0.03	0.03	0.00	0.00	0.70
	2005	0.00	0.00	0.00	0.00	0.00	0.05	0.62	18.45	36.42	0.34	0.00	0.00	55.89
	2006	0.00	0.00	0.00	0.00	0.00	0.01	2.52	65.92	2.70	0.00	0.00	0.00	71.14
	2007	0.00	0.00	0.00	0.00	0.00	0.02	30.83	0.54	0.03	0.00	0.00	0.00	31.41
	2008	0.00	0.00	0.00	0.00	0.00	0.23	0.33	2.14	0.25	0.01	0.00	0.00	2.96
	2009	0.00	0.00	0.00	0.00	0.00	0.07	1.74	0.16	0.29	0.00	0.00	0.00	2.26
	2010	0.00	0.00	0.00	0.00	0.00	0.00	11.13	16.33	0.15	0.00	0.00	0.00	27.61
	% flow	**0.00**	**0.00**	**0.00**	**0.01**	**0.05**	**1.39**	**31.31**	**37.72**	**28.67**	**0.82**	**0.01**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.41**	**9.29**	**11.19**	**8.50**	**0.24**	**0.00**	**0.00**	**29.66**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Phool Sagar Jalia	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.01	0.00	0.00	0.00	0.06
	1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1975	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.33	5.04	0.00	0.00	0.00	5.47
	1976	0.00	0.00	0.00	0.00	0.00	0.00	1.59	11.26	17.72	0.00	0.00	0.00	30.57
	1977	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1978	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01
	1979	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.01	0.00	0.00	0.00	0.00	0.59
	1980	0.00	0.00	0.00	0.00	0.00	0.27	0.01	0.01	0.00	0.00	0.00	0.00	0.29
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	1983	0.00	0.00	0.00	0.00	0.00	0.00	2.67	22.61	0.33	0.00	0.00	0.00	25.60
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.06
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.34	2.38	0.02	0.00	0.00	4.74
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.96
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.00	0.00	0.00	0.16
	1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1994	0.00	0.00	0.00	0.00	0.00	0.00	0.45	7.58	0.34	0.00	0.00	0.00	8.37
	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.20	0.00	0.00	0.00	0.00	1.02
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.11	2.11	7.65	0.00	0.00	0.00	9.87
	1997	0.00	0.00	0.00	0.00	0.00	0.00	1.41	13.66	0.92	0.00	0.00	0.00	15.99
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.31	1.93	0.00	0.00	2.25
	1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00	0.00	0.79
	2001	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.35	0.00	0.00	0.00	0.00	1.36
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.01	0.00	0.00	0.00	0.00	0.15
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.03
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13	0.01	0.00	0.00	4.14
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	2.28	0.00	0.00	0.00	5.17
	2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.02
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.44	0.00	0.02	0.00	2.28
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.23**	**7.25**	**55.24**	**35.62**	**1.63**	**0.02**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.23**	**1.74**	**1.12**	**0.05**	**0.00**	**0.00**	**3.16**

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Raipur Luni	1973	0.00	0.00	0.00	0.00	0.00	0.00	1.26	90.58	45.54	0.10	0.00	0.00	137.48
	1974	0.00	0.00	0.00	0.00	0.00	0.01	17.32	2.71	0.00	0.00	0.00	0.00	20.04
	1975	0.00	0.00	0.00	0.00	0.00	0.00	39.72	0.18	27.55	0.03	0.00	0.00	67.48
	1976	0.00	0.00	0.00	0.00	0.00	0.00	13.57	233.29	98.29	0.03	0.00	0.00	345.18
	1977	0.00	0.00	0.00	0.00	0.00	12.21	85.74	16.49	0.01	0.00	0.00	0.00	114.45
	1978	0.00	0.00	0.00	0.00	0.00	0.00	35.41	0.21	9.06	0.00	0.00	0.00	44.68
	1979	0.00	0.00	0.00	0.00	0.00	0.01	43.82	46.55	0.02	0.00	0.00	0.00	90.39
	1980	0.00	0.00	0.00	0.00	0.00	0.02	160.38	42.19	0.08	0.00	0.00	0.00	202.66
	1981	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.05	11.88	0.71	0.01	0.00	0.00	12.64
	1983	0.00	0.00	0.00	0.00	0.00	0.00	75.42	111.23	3.70	0.03	0.00	0.00	190.39
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	23.14	0.00	0.00	0.00	24.53
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.03
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.04
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.00	0.00	0.00	0.12
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.26	0.03	0.00	0.00	0.00	0.34
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	1.79	0.00	0.00	0.00	1.89
	1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	43.36	0.06	0.00	0.00	45.44
	1993	0.00	0.00	0.00	0.00	0.00	0.00	33.00	0.05	4.05	0.00	0.00	0.00	37.09
	1994	0.00	0.00	0.00	0.00	0.00	0.01	29.46	33.05	0.07	0.00	0.00	0.00	62.59
	1995	0.00	0.00	0.00	0.00	0.00	0.00	15.42	30.19	3.61	0.00	0.00	0.00	49.22
	1996	0.00	0.00	0.00	0.00	0.00	0.01	0.03	12.82	0.54	0.00	0.00	0.00	13.39
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.03	36.45	0.75	0.00	0.00	0.00	37.24
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.04
	1999	0.00	0.00	0.00	0.00	0.00	0.01	155.91	31.34	65.53	0.08	0.00	0.00	252.86
	2000	0.00	0.00	0.00	0.00	0.00	0.00	127.06	4.93	0.01	0.00	0.00	0.00	132.00
	2001	0.00	0.00	0.00	0.00	0.00	0.00	19.68	1.85	0.00	0.00	0.00	0.00	21.53
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.03
	2003	0.00	0.00	0.00	0.00	0.00	0.03	17.86	5.62	0.17	0.00	0.00	0.00	23.69
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.46	65.78	0.06	0.00	0.00	0.00	66.30
	2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.43	0.28	0.00	0.00	35.72
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.03	108.69	8.13	0.01	0.00	0.00	116.86
	2007	0.00	0.00	0.00	0.00	0.00	0.00	47.73	0.05	0.02	0.00	0.00	0.00	47.79
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.01	0.03	0.00	0.00	0.00	9.03
	2009	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.01	0.00	0.00	0.00	0.00	1.27
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.04	44.94	3.09	0.00	0.00	0.00	48.07
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.55**	**40.88**	**41.91**	**16.64**	**0.03**	**0.00**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.32**	**24.23**	**24.84**	**9.86**	**0.02**	**0.00**	**0.00**	**59.28**

Name of Project	**Year**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Annual, MCM**
Sardar Samand MCM_Final_out	1973	0.00	0.00	0.00	0.00	0.00	0.00	0.74	101.40	101.01	0.00	0.00	0.00	203.16
	1974	0.00	0.00	0.00	0.00	0.00	0.00	16.04	2.06	0.00	0.00	0.00	0.00	18.10
	1975	0.00	0.00	0.00	0.00	0.00	0.07	61.95	3.35	248.39	36.45	0.00	0.00	350.21
	1976	0.00	0.00	0.00	0.00	0.00	0.00	13.52	405.24	278.38	0.00	1.41	0.00	698.55
	1977	0.00	0.00	0.00	0.00	0.00	10.85	163.84	30.32	0.00	0.00	0.00	0.00	205.01
	1978	0.00	0.00	0.00	0.00	0.00	0.00	34.82	0.38	8.49	0.00	0.00	0.00	43.69
	1979	0.00	0.00	0.00	0.00	0.00	0.00	379.53	88.84	0.00	0.00	0.00	0.00	468.37
	1980	0.00	0.00	0.00	0.00	0.00	0.04	204.63	58.66	0.00	0.00	0.00	0.00	263.32
	1981	0.00	0.00	0.00	0.00	0.00	0.00	2.66	0.00	0.00	0.00	0.00	0.00	2.66
	1982	0.00	0.00	0.00	0.00	0.00	0.00	0.79	45.72	0.15	0.00	0.00	0.00	46.66
	1983	0.00	0.00	0.00	0.00	0.00	0.00	139.38	236.80	8.47	0.00	0.00	0.00	384.65
	1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	22.52	0.00	0.00	0.00	23.50
	1985	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.05
	1986	0.00	0.00	0.00	0.00	0.00	0.00	0.19	4.81	0.00	0.00	0.00	0.00	5.00
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1988	0.00	0.00	0.00	0.00	0.00	0.00	0.55	3.65	0.00	0.00	0.00	0.00	4.21
	1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	0.09	0.00	0.00	0.00	1.86
	1990	0.00	0.00	0.00	0.00	0.00	0.00	0.09	35.76	0.46	0.00	0.00	0.00	36.31
	1991	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.40	1.33	0.00	0.00	0.00	1.99
	1992	0.00	0.00	0.00	0.00	0.00	0.00	14.65	22.55	133.62	0.00	0.00	0.00	170.82
	1993	0.00	0.00	0.00	0.00	0.00	0.00	32.30	0.00	3.72	0.00	0.00	0.00	36.02
	1994	0.00	0.00	0.00	0.00	0.00	0.00	68.76	110.22	14.73	0.00	0.00	0.00	193.70
	1995	0.00	0.00	0.00	0.00	0.00	0.00	34.12	40.42	4.49	0.00	0.00	0.00	79.03
	1996	0.00	0.00	0.00	0.00	0.00	0.00	0.05	16.12	7.70	0.00	0.00	0.00	23.87
	1997	0.00	0.00	0.00	0.00	0.00	0.00	0.04	113.16	4.29	0.00	0.00	0.00	117.49
	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.02	1.43	0.00	0.00	3.38
	1999	0.00	0.00	0.00	0.00	0.00	0.00	279.63	58.87	110.52	1.46	0.00	0.00	450.48
	2000	0.00	0.00	0.00	0.00	0.00	0.00	163.49	4.34	0.00	0.00	0.00	0.00	167.83
	2001	0.00	0.00	0.00	0.00	0.00	0.00	19.97	2.60	0.00	0.00	0.00	0.00	22.57
	2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2003	0.00	0.00	0.00	0.00	0.00	0.00	17.00	4.60	0.56	0.00	0.00	0.00	22.16
	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.11	66.32	0.02	0.00	0.00	0.00	66.44
	2005	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.21	59.31	0.55	0.00	0.00	61.27
	2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.31	31.10	0.05	0.00	0.00	175.46
	2007	0.00	0.00	0.00	0.00	0.00	0.00	79.84	0.46	0.00	0.00	0.00	0.00	80.30
	2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.00	0.00	0.00	0.00	11.89
	2009	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.83
	2010	0.00	0.00	0.00	0.00	0.00	0.00	0.01	45.35	7.77	0.00	0.00	0.00	53.12
	% flow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.24**	**38.52**	**37.02**	**23.30**	**0.89**	**0.03**	**0.00**	
Mean		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.29**	**45.55**	**43.78**	**27.56**	**1.05**	**0.04**	**0.00**	**118.26**

Virgin Water Yield Series of Major/Medium Projects in West Banas Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
West Banas	1973	0.00	0.00	0.00	0.00	0.00	0.20	21.68	143.11	309.24	13.65	0.57	0.08	488.54
	1974	0.03	0.01	0.01	0.00	0.00	0.00	0.24	2.63	1.57	3.17	0.47	0.03	8.16
	1975	0.01	0.00	0.00	0.00	0.00	0.23	29.75	66.72	47.95	7.00	0.61	0.05	152.31
	1976	0.01	0.01	0.00	0.00	0.00	0.24	10.28	65.56	27.90	1.86	0.09	0.02	105.97
	1977	0.01	0.00	0.00	0.00	0.00	5.91	62.38	33.66	2.72	0.14	0.02	0.01	104.84
	1978	0.00	0.00	0.00	0.00	0.00	0.24	51.17	32.18	25.54	1.01	0.06	0.01	110.20
	1979	0.01	0.00	0.00	0.00	0.00	0.14	46.22	52.29	3.70	0.19	0.03	0.01	102.59
	1980	0.01	0.00	0.00	0.00	0.00	11.89	39.43	21.00	1.08	0.07	0.01	0.01	73.51
	1981	0.00	0.00	0.00	0.00	0.00	0.03	0.79	3.11	0.74	0.06	0.12	0.01	4.88
	1982	0.01	0.00	0.00	0.11	2.76	0.31	0.79	16.11	6.93	0.34	0.19	0.02	27.56
	1983	0.01	0.00	0.00	0.15	0.04	3.26	112.63	65.12	10.63	1.43	0.12	0.02	193.39
	1984	0.01	0.01	0.00	0.00	0.00	0.13	8.05	61.20	28.60	1.85	0.09	0.02	99.94
	1985	0.01	0.00	0.00	0.00	0.00	0.04	8.77	64.57	3.34	0.29	0.02	0.03	77.07
	1986	0.01	0.00	0.00	0.00	0.00	0.02	3.80	13.44	1.46	0.06	0.01	0.00	18.80
	1987	0.00	0.00	0.00	0.00	0.00	0.11	0.09	0.08	0.02	0.00	0.00	0.00	0.30
	1988	0.00	0.00	0.00	0.00	0.00	0.03	10.15	23.48	4.59	3.82	0.13	0.01	42.20
	1989	0.00	0.00	0.00	0.00	0.00	0.07	0.33	5.55	12.01	0.79	0.04	0.01	18.79
	1990	0.00	0.00	0.00	0.00	0.00	0.06	59.22	59.88	29.64	1.46	0.08	0.02	150.36
	1991	0.01	0.00	0.00	0.00	0.00	0.01	3.25	6.80	0.32	0.02	0.01	0.00	10.42
	1992	0.00	0.00	0.00	0.00	0.00	0.17	16.45	135.58	93.35	7.58	0.30	0.04	253.47
	1993	0.02	0.01	0.00	0.00	0.00	0.03	66.95	14.34	0.63	0.16	0.01	0.01	82.16
	1994	0.00	0.00	0.00	0.00	0.00	0.05	8.50	19.84	26.20	1.91	0.08	0.01	56.60
	1995	0.00	0.00	0.00	0.00	0.00	0.01	4.29	9.45	7.74	0.31	0.02	0.01	21.83
	1996	0.00	0.00	0.00	0.00	0.00	2.67	2.64	8.03	0.73	0.05	0.01	0.00	14.14
	1997	0.00	0.00	0.00	0.00	0.00	1.39	5.25	30.54	15.10	2.16	0.09	0.01	54.54
	1998	0.00	0.00	0.00	0.00	0.00	0.07	2.58	0.22	0.24	0.12	0.01	0.00	3.25
	1999	0.00	0.00	0.00	0.00	0.00	0.45	0.45	7.33	0.28	0.14	0.01	0.00	8.66
	2000	0.00	0.00	0.00	0.01	0.15	0.17	41.01	13.89	0.59	0.06	0.01	0.01	55.90
	2001	0.00	0.00	0.00	0.00	0.00	1.97	27.40	19.16	3.16	0.14	0.02	0.01	51.86
	2002	0.00	0.00	0.00	0.00	0.00	1.46	5.04	0.71	0.28	0.04	0.01	0.00	7.54
	2003	0.00	0.00	0.00	0.00	0.00	7.30	30.91	31.21	4.74	0.21	0.02	0.01	74.40
	2004	0.00	0.00	0.00	0.00	0.00	0.05	0.50	35.28	4.01	0.28	0.02	0.01	40.14
	2005	0.00	0.00	0.00	0.00	0.00	0.04	1.86	46.31	63.32	29.50	0.99	0.06	142.08
	2006	0.02	0.01	0.00	0.00	0.00	0.38	7.06	265.64	48.19	2.05	0.13	0.04	323.51
	2007	0.02	0.01	0.01	0.00	0.00	0.09	99.33	10.86	7.29	0.53	0.04	0.01	118.18
	2008	0.01	0.00	0.00	0.00	0.00	0.08	2.50	22.78	2.66	0.13	0.02	0.01	28.17
	2009	0.00	0.00	0.00	0.00	0.00	0.05	14.31	12.17	9.99	0.39	0.02	0.01	36.94
	2010	0.00	0.00	0.00	0.00	0.00	0.07	16.58	95.01	21.57	0.97	0.06	0.02	134.27
	% flow	**0.01**	**0.00**	**0.00**	**0.01**	**0.09**	**1.20**	**24.95**	**45.94**	**25.11**	**2.54**	**0.14**	**0.02**	
Mean		**0.01**	**0.00**	**0.00**	**0.01**	**0.08**	**1.04**	**21.65**	**39.86**	**21.79**	**2.21**	**0.12**	**0.02**	**86.77**

Virgin Water Yield Series of Major/Medium Projects in Sukli Basin, MCM

Name of Project	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual, MCM
Sukli Selwara	1973	0.00	0.00	0.00	0.00	0.00	1.83	13.93	56.42	124.31	4.86	0.16	0.03	201.54
	1974	0.01	0.01	0.01	0.00	0.50	1.16	0.20	1.12	0.96	0.92	0.04	0.00	4.93
	1975	0.00	0.07	0.01	0.00	0.00	0.37	13.82	62.31	51.54	11.85	3.92	0.13	144.00
	1976	0.06	0.20	0.01	0.00	0.00	0.29	11.81	117.77	46.74	2.83	0.24	0.06	180.01
	1977	0.08	0.03	0.01	0.03	0.08	4.06	59.92	31.28	1.86	0.10	0.02	0.01	97.46
	1978	0.00	0.03	0.00	0.00	0.00	0.14	18.19	12.16	16.73	0.63	4.32	0.69	52.88
	1979	0.02	0.07	0.01	0.00	0.05	0.17	7.19	17.01	1.97	0.36	4.51	2.18	33.55
	1980	0.06	0.01	0.00	0.00	0.00	4.33	32.46	2.36	0.07	0.01	0.01	0.19	39.49
	1981	0.04	0.00	0.00	0.00	0.00	0.36	2.57	1.93	0.33	0.09	0.86	0.01	6.19
	1982	0.00	0.00	0.00	0.34	0.90	0.07	0.92	1.80	0.20	0.09	0.33	0.01	4.68
	1983	0.00	0.00	0.00	0.18	0.10	0.18	2.04	10.77	1.22	0.62	0.02	0.01	15.13
	1984	0.00	0.00	0.00	0.00	0.00	0.49	1.15	14.03	2.00	0.06	0.01	0.01	17.76
	1985	0.00	0.00	0.00	0.00	0.00	0.05	1.38	7.61	0.06	0.16	0.01	0.00	9.28
	1986	0.00	0.00	0.01	0.00	0.06	0.35	0.90	1.47	0.03	0.01	0.00	0.00	2.83
	1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.20	0.07	0.00	0.17	0.46
	1988	0.01	0.00	0.00	0.00	0.00	0.18	2.18	3.49	0.67	0.10	0.01	0.01	6.65
	1989	0.03	0.00	0.00	0.00	0.00	1.03	0.61	3.66	1.40	0.04	0.01	0.01	6.80
	1990	0.00	0.03	0.08	0.01	0.11	0.19	25.53	42.34	25.28	0.89	0.03	0.02	94.50
	1991	0.01	0.01	0.00	0.00	0.00	0.01	1.56	0.99	0.68	0.01	0.01	0.00	3.28
	1992	0.01	0.02	0.00	0.00	0.00	0.28	3.78	23.37	79.67	2.70	0.14	0.04	110.00
	1993	0.01	0.01	0.01	0.00	0.00	0.12	22.43	5.28	0.23	0.12	0.01	0.00	28.24
	1994	0.35	0.01	0.00	0.00	0.02	1.28	11.42	47.52	56.44	1.59	0.04	0.02	118.70
	1995	0.01	0.01	0.00	0.00	0.00	0.40	2.07	1.94	7.87	0.03	0.01	0.01	12.35
	1996	0.21	0.01	0.00	0.00	0.00	0.60	1.43	1.56	0.36	0.02	0.01	0.00	4.20
	1997	0.03	0.00	0.00	0.03	0.00	1.43	1.10	5.14	7.76	3.01	0.05	0.01	18.55
	1998	0.01	0.00	0.00	0.00	0.00	0.37	5.82	0.34	1.29	19.99	2.88	0.02	30.73
	1999	0.01	0.00	0.00	0.00	0.05	0.72	0.99	0.54	0.01	0.13	0.00	0.00	2.46
	2000	0.00	0.00	0.00	0.00	0.00	0.01	2.85	0.80	0.16	0.01	0.00	0.00	3.83
	2001	0.00	0.00	0.00	0.06	0.06	3.23	5.06	4.32	0.16	0.38	0.02	0.01	13.28
	2002	0.00	0.02	0.00	0.01	0.00	0.66	0.67	0.31	0.82	0.02	0.00	0.00	2.52
	2003	0.00	0.14	0.02	0.00	0.00	1.16	5.03	11.78	2.57	0.15	0.02	0.01	20.88
	2004	0.01	0.00	0.00	0.00	0.08	1.48	0.77	7.27	0.25	0.61	0.02	0.01	10.50
	2005	0.00	0.00	0.00	0.00	0.00	0.33	1.43	5.43	5.06	5.35	0.02	0.01	17.63
	2006	0.01	0.00	0.06	0.00	0.00	0.05	1.63	83.67	37.35	0.53	0.04	0.02	123.36
	2007	0.01	0.01	0.16	0.01	0.00	0.15	11.87	11.43	0.74	0.19	0.01	0.01	24.58
	2008	0.00	0.00	0.00	0.05	0.00	0.33	1.33	1.61	1.44	0.13	0.01	0.10	5.00
	2009	0.01	0.00	0.09	0.02	0.00	0.14	2.79	0.64	0.40	0.01	0.01	0.00	4.10
	2010	0.09	0.00	0.00	0.00	0.00	0.24	3.94	8.83	2.78	0.13	3.53	2.33	21.87
	% flow	**0.08**	**0.05**	**0.03**	**0.05**	**0.13**	**1.89**	**18.92**	**40.84**	**32.23**	**3.94**	**1.43**	**0.41**	
Mean		**0.03**	**0.02**	**0.01**	**0.02**	**0.05**	**0.74**	**7.44**	**16.06**	**12.67**	**1.55**	**0.56**	**0.16**	**39.32**

Appendix XII

Detailed Study of Catchment Areas of Selected Minor Irrigation Projects

(Supporting Annexure 1 in soft copy)

1. Objectives

This study has following objectives

- To study impact of WHS on water yield to selected individual minor project
- To assess the effect of WHS on reservoir evaporation
- To compute the annual recharge and evaporation from WHS located in the project catchment

2. Approach and Methodology

2.1 Development of hydrologic model

Mapping of a basin on to the SWAT hydrological model involves an elaborate procedure. The following paragraphs briefly describe the methodology used for mapping of the catchment.

The model has been calibrated using observed Reservoir Gauge-Capacity data wherever it was made available. Methodology for computing the effect of water harvesting structures on inflows to project site is presented below.

2.1.1 Methodology

For assessing the impact of water harvesting structures (WHS) on inflows to the project the hydrological model has been run with two scenarios, Scenario 1: Including WHS and Scenario 2: Excluding WHS.

- All water harvesting structures present in the upstream catchment area of project are lumped and treated as pond.
- Calibrated hydrological model SWAT was run for the two scenarios as mentioned above.
- Effect of water harvesting structures on Water yield to project is computed by taking difference of two scenarios.

For this study 12 minor projects (one per defined river basin) were selected for catchment area study on basis of data availability, its representation within basin etc. In Parbati Basin and Other Nallah of Jalore Basin no minor project data was available hence it is considered that Gambhir basin and Luni Basin minor project study represents these basins also, respectively. There are no minor projects in Ghaggar Basin.

Project wise analysis is presented in subsequent chapters.

2.1.2 Data Source

Major/Medium/Minor projects: Water Resource Department Project List

Surface Water bodies: Water body database (SRSAC, Jodhpur, 2007-2008). Water bodies Mapped from Satellite imageries (LISS 3). Vintage- 2011 post monsoon season.

Management and Cropping detail: Agriculture Statistics Handbook, Rajasthan.

3. Catchment area study of Selected Minor Irrigation Project in Shekhawati Basin

Ranasar minor project has been selected in Shekhawati Basin. The project study has been performed and presented below.

3.1 Ranasar Project

3.1.1 Characteristics of Ranasar Project Catchment

a) Topography

Elevation ranges from 416 m to 830 m amsl in the project catchment. The topographic statistics of elevation of the Ranasar Project catchment is given in Table 1.

Table 1: Elevation Summaries –Ranasar Project Catchment

Parameter	Elevation (m amsl)
Minimum Elevation	416.0
Maximum Elevation	830.0
Mean Elevation	489.0

b) Land Use

The major part of the catchment area is under Kharif cropping (30.09%).

Table 2 gives the land use categories and the area covered under each category of land use for the Ranasar Project catchment.

Table 2: Landuse Categories –Ranasar Project catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	53.67	30.09
Rabi only	3.07	1.72
Double cropping	32.35	18.14
Current fallow	34.76	19.49
Deciduous forest	3.08	1.73
Degraded forest	14.05	7.88
Other wasteland	30.89	17.32
Gullied	4.33	2.43
Scrubland	2.15	1.21
Water bodies	0.00	0.00
Total	178.35	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Ranasar Project catchment is predominantly Loamy sand. Table 3 shows the area under each of the soil texture class found in the Ranasar Project catchment.

Table 3: Soil Texture –Ranasar Project catchment

Soil Texture	Area (km^2)	% of Catchment Area
Clay	33.32	18.68

Clay Loam	9.86	5.53
Loamy Sand	90.49	50.74
Sandy Clay Loam	44.68	25.05
Total	178.35	100.00

Source: SRSAC, DST, Jodhpur

3.1.2 General features of Ranasar Project catchment

Ranasar Project is a minor project in sub basin Kantli belonging to Shekhawati river basin. The catchment area is 178.35 km^2.

Table 4 gives the characteristic of Ranasar Project catchment.

Table 4: Project details –Ranasar Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Ranasar Project	Minor	4.28	-	2002-2010	178.35

a) Upstream Projects

There are no upstream major/medium project in Ranasar Project catchment.

b) Minor Projects

There are 3 minor projects in the catchment area of Ranasar Project with total live storage capacity of 3.45 Mm^3.

3.1.3 Observed Gauge-Storage capacity Records for Ranasar Project catchment

Ranasar Project catchment has observed gauge-storage capacity records available from 2002-2010, for monsoon months. However, the information on water release, spills etc., is not available.

3.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Ranasar Project catchment is 91 with total water holding capacity of 16 Mm^3.

3.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 1.73 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 5.

Table 5: Flow Dependability –Ranasar Project catchment, Water Yield (Mm^3)

Dependability Level, %	**Water Yield, Mm^3**
25	2.20
50	1.10
75	0.40
90	0.10

Rainfall occurs mainly during the monsoon season in Ranasar Project catchment therefore major portion of stream flow will occur only during these months. From Table 5 it is evident that annual dependable flow at 50% is only 1.1 Mm^3 while there is negligible flow at 75% (0.4 Mm^3) which accounts for 9.2% of live storage capacity.

3.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 6.

Table 6: Impact of WHS on inflows to the project, (Mm^3)

Scenario	**Mean annual water yield, Mm^3**
Scenario 1	1.73
Scenario 2	1.93
Difference	0.20

From Table 6 it is evident that mean annual yield computed for Ranasar Project for Scenario1 is 1.73 Mm^3 while for scenario 2 is 1.93 Mm^3. The difference of 0.20 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 6 that after putting up these WHS the inflow to dam site is reduced by 10.4%.

3.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Ranasar Project catchment by all water harvesting structures is 0.174 Mm^3, which implies that 0.174 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Ranasar) in Scenario 1 is 0.08 Mm^3 while in Scenario 2 is 0.09 Mm^3. There is a decrease of 11.1% in the reservoir evaporation with these WHS in place.

3.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly loamy sand. The soil permeability is assumed to be 0.25 mm/hr[1].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHSs in Ranasar Project catchment is 0.60 Mm^3.

3.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 7:

Table 7: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*3*	*2-3*
Scenario 1	1.73	0.08	1.65
Scenario 2	1.93	0.09	1.84

As it is evident from Table 7 water harnessed in Scenario 2 is more than in Scenario 1.

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[1] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

4. Catchment area study of Selected Minor Irrigation project in Gambhir Basin

New Tank Maheshwara Minor Project has been selected in Gambhir Basin. The project study has been performed and presented below,

4.1 New Tank Maheshwara Project

4.1.1 Characteristics of New Tank Maheshwara Project Catchment

a) Topography

Elevation ranges from 235 to 253 m amsl in the project catchment. The topographic statistics of elevation of the New Tank Maheshwara Project catchment is given in Table 8.

Table 8: Elevation Summaries –New Tank Maheshwara Project Catchment

Parameter	Elevation (m amsl)
Minimum Elevation	235.0
Maximum Elevation	253.0
Mean Elevation	242.0

b) Land Use

The major part of the catchment area is under Fallow Land (70.74%).

Table 9 gives the land use categories and the area covered under each category of land use for the New Tank Maheshwara Project catchment.

Table 9: Landuse Categories –New Tank Maheshwara Project Catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	0.00	0.00
Rabi only	4.19	26.95
Double cropping	0.00	0.00
Current fallow	11.00	70.74
Deciduous forest	0.00	0.00
Degraded forest	0.00	0.00
Other wasteland	0.17	1.09
Gullied	0.00	0.00
Scrubland	0.19	1.22
Water bodies	0.00	0.00
Total	15.55	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the New Tank Maheshwara Project catchment is predominantly Sandy Clay loam. Table 10 shows the area under each of the soil texture class found in the New Tank Maheshwara Project catchment.

Table 10: Soil Texture –New Tank Maheshwara Project Catchment

Soil Texture	Area (km^2)	% of Catchment Area
Loam	0.59	3.79
Sandy Clay Loam	14.9	95.69
Silt Loam	0.08	0.52
Total	15.6	100.00

Source: SRSAC, DST, Jodhpur

4.1.2 General features of New Tank Maheshwara Project catchment

New Tank Maheshwara Project is a minor project in Gambhir river basin. The catchment area is 15.55 km^2 and falls in Karauli District.

Table 11 gives the characteristic of New Tank Maheshwara Project catchment.

Table 11: Project details –New Tank Maheshwara Project Catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	New Tank Maheshwara Project	Minor	5.33	-	2002-2010	15.55

a) Upstream Projects

There are no upstream major\medium projects in New Tank Maheshwara Project catchment.

b) Minor Projects

There are no minor projects in the catchment area of New Tank Maheshwara Project.

Observed Gauge-Storage capacity Records for New Tank Maheshwara Project catchment

New Tank Maheshwara Project catchment has observed gauge-storage capacity records available from 2002-2010, for monsoon months. However, the information on water release, spills etc., is not available.

4.1.3 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies in New Tank Maheshwara Project catchment is 9 with total water holding capacity of 1.37 Mm^3.

4.1.4 Inflows to the Project

Actual mean annual water yield to the project is computed to be 0.63 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 12.

Table 12: Flow Dependability –New Tank Maheshwara Project Catchment, Water Yield (Mm^3)

Dependability Level, %	**Water Yield, Mm^3**
25	1.00
50	0.30
75	0.00
90	0.00

Rainfall occurs mainly during the monsoon season in New Tank Maheshwara Project catchment therefore major portion of stream flow will occur only during these months. From Table 12 it is evident that annual dependable flow at 50% is only 0.3 Mm^3 while there is negligible flow at 75%.

4.1.5 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 13.

Table 13: Impact of WHS on inflows to the project, (Mm^3)

Scenario	**Mean annual water yield, Mm^3**
Scenario 1	0.63
Scenario 2	0.89
Difference	0.26

From Table 13 it is evident that mean annual yield computed for New Tank Maheshwara Project for Scenario1 is 0.63 Mm^3 while for scenario 2 is 0.89 Mm^3. The difference of 0.26 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 13 that after putting up these WHS the inflow to dam site is reduced by 30%.

4.1.6 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from New Tank Maheshwara Project catchment by all water harvesting structures is 0.065 Mm^3, which implies that 0.065 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (New Tank Maheshwara) in Scenario 1 is 0.04 Mm^3 while in Scenario 2 is 0.06 Mm^3. There is a decrease of 32% in the reservoir evaporation with these WHS in place.

4.1.7 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Sandy clay loam. The soil permeability is assumed to be 0.25 mm/hr[2].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in New Tank Maheshwara Project catchment is 0.244 Mm^3.

4.1.8 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 14:

Table 14: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*3*	*2-3*
Scenario 1	0.63	0.04	0.59
Scenario 2	0.89	0.06	0.83

As it is evident from Table 14 water harnessed in Scenario 2 is more than in Scenario 1.

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[2] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

5. Catchment area study of Selected Minor Irrigation project in Sabi Basin

Rampur Bund Minor Project has been selected in Sabi Basin. The project study has been performed and presented below. One Minor Project (Rampur Bund) within Sabi Basin has been selected for minor project catchment area study.

5.1 Rampur Bund Project

5.1.1 Characteristics of Rampur Bund Project catchment

a) Topography

Elevation ranges from 388 to 701 m amsl in the project catchment. The topographic statistics of elevation of the Rampur Bund Project catchment is given in Table 15.

Table 15: Elevation Summaries –Rampur Bund Project Catchment

Parameter	Elevation (m amsl)
Minimum Elevation	388.0
Maximum Elevation	701.0
Mean Elevation	453.0

b) Land Use

The major part of the catchment area is under Fallow Land (32.67%). Wheat, Barley, Gram, Rape & Mustard and Methi are the predominant crops (Source: Agriculture Statistics Handbook, Government of Rajasthan).

Table 16 gives the land use categories and the area covered under each category of land use for the Rampur Bund Project catchment.

Table 16: Landuse Categories –Rampur Bund Project Catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	13.48	18.15
Rabi only	14.11	19.00
Double cropping	5.19	6.99
Current fallow	24.26	32.67
Deciduous forest	2.09	2.81
Degraded forest	8.70	11.72
Other wasteland	5.96	8.03
Gullied	0.01	0.01
Scrubland	0.45	0.61
Water bodies	0.00	0.00
Total	74.25	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Rampur Bund Project catchment is predominantly Clay. Table 17 shows the area under each of the soil texture class found in the Rampur Bund Project catchment.

Table 17: Soil Texture –Rampur Bund Project catchment

Soil Texture	Area (km^2)	% of Catchment Area
Clay	39.81	53.62
Loam	14.84	19.99
Loamy Sand	0.25	0.34
Sand	12.16	16.37
Sandy Clay Loam	7.19	9.68
Total	74.25	100.00

Source: SRSAC, DST, Jodhpur

5.1.2 General features of Rampur Bund Project catchment

Rampur Bund Project is a minor project in Sabi river basin. The catchment area is 74.25 km^2 and falls in Alwar District.

Table 18 gives the characteristic of Rampur Bund Project catchment.

Table 18: Project details –Rampur Bund Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Rampur bund Project	Minor	6.11	-	2001-2010	74.25

a) Upstream Projects

There are no upstream major\medium projects in Rampur Bund Project catchment.

b) Minor Projects

There are no minor projects in the catchment area of Rampur Bund Project.

5.1.3 Observed Gauge-Storage capacity Records for Rampur Bund Project catchment

Rampur Bund Project catchment has observed gauge-storage capacity records available from 2001-2010, for monsoon months. However, the information on water release, spills etc., is not available.

5.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Rampur Bund Project catchment is 65 with total water holding capacity of 0.54 Mm^3.

5.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 1.73 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 19.

Table 19: Flow Dependability – Rampur Bund Project Catchment, Water Yield (Mm^3)

Dependability Level, %	**Water Yield, Mm^3**
25	3.10
50	1.30
75	0.60
90	0.30

Rainfall occurs mainly during the monsoon season in Rampur Bund Project catchment therefore major portion of stream flow will occur only during these months. From Table 19 it is evident that annual dependable flow at 50% is 1.3 Mm^3 while there is negligible flow at 75% (0.60 Mm^3) which accounts for 9.8% of gross storage capacity.

5.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 20.

Table 20: Impact of WHS on inflows to the project, (Mm^3)

Scenario	**Mean annual water yield, Mm^3**
Scenario 1	1.73
Scenario 2	2.04
Difference	0.31

From Table 20 it is evident that mean annual yield computed for Rampur Bund Project for Scenario1 is 1.73 Mm^3 while for scenario 2 is 2.04 Mm^3. The difference of 0.31 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 20 that after putting up these WHS the inflow to dam site is reduced by 15.1%.

5.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Rampur Bund Project catchment by all water harvesting structures is 0.164 Mm^3, which implies that 0.164 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Rampur Bund) in Scenario 1 is 0.07 Mm^3 while in Scenario 2 is 0.09 Mm^3. There is a decrease of 18% in the reservoir evaporation with these WHS in place.

5.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Clay. The soil permeability is assumed to be 0.1 mm/hr[3].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Rampur Bund Project catchment is 0.591 Mm^3.

5.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 21:

Table 21: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*34*	*2-3*
Scenario 1	1.73	0.07	1.66
Scenario 2	2.04	0.09	1.95

As it is evident from Table 21 water harnessed in Scenario 2 is more than in Scenario 1.

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[3] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

6. Catchment area study of Selected Minor Irrigation project in Banas Basin

Basundani Minor project has been selected in Banas Basin. The project study has been performed and presented below.

6.1 Basundani Project

6.1.1 Characteristics of Basundani Project catchment

a) Topography

Elevation ranges from 332 to 575 m amsl in the project catchment. The topographic statistics of elevation of the Basundani Project catchment is given in Table 22.

Table 22: Elevation Summaries –Basundani Project Catchment

Parameter	Elevation (m amsl)
Minimum Elevation	332.0
Maximum Elevation	575.0
Mean Elevation	388.0

b) Land Use

The major part of the catchment area is under Fallow Land (39.13%). Wheat, Barley, Gram, Rape & Mustard and Methi are the predominant crops (Source: Agriculture Statistics Handbook, Government of Rajasthan).

Table 23 gives the land use categories and the area covered under each category of land use for the Basundani Project catchment.

Table 23: Landuse Categories –Basundani Project Catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	184.90	26.33
Rabi only	84.23	11.99
Double cropping	79.29	11.29
Current fallow	274.76	39.13
Deciduous forest	5.06	0.72
Degraded forest	9.40	1.34
Other wasteland	33.64	4.79
Gullied	0.00	0.00
Scrubland	22.40	3.19
Water bodies	8.53	1.21
Total	702.21	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Basundani Project catchment is predominantly Sandy loam. Table 24 shows the area under each of the soil texture class found in the Basundani Project catchment.

Table 24: Soil Texture –Basundani Project Catchment

Soil Texture	Area (km^2)	% of Catchment Area
Clay	25.72	3.66
Clay Loam	67.65	9.63
Sand	6.28	0.89
Sandy Clay Loam	2.34	0.33
Sandy Loam	600.21	85.49
Total	702.21	100.00

Source: SRSAC, DST, Jodhpur

6.1.2 General features of Basundani Project catchment

Basundani Project is a minor project in Khari sub-basin belonging to Banas river basin. The catchment area is 702.21 km^2 where as the differential catchment area (excluding upstream catchment areas of major/medium projects) is 279.31 km^2. Basundani Project falls in Ajmer District.

Table 25 gives the characteristic of Basundani Project catchment.

Table 25: Project details –Basundani Project Catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Basundani Project	Minor	8.35	-	1996-2010	702.21

a) Upstream Projects

There is one medium project upstream of Basundani Project catchment namely Ummed Sagar. Table 26 gives the details of the existing upstream major/medium project in the Basundani Project catchment.

Table 26: Upstream Project details – Basundani Project Catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Catchment Area, Km^2
1	Ummed Sagar	Medium	17.8	17.8	422.9

b) Minor Projects

There are 48 minor projects in the catchment area of Basundani Project with total live storage capacity of 17.33 Mm^3. While in its differential catchment area total number of minor projects is 16 with total Live Storage Capacity of 3.07 Mm^3.

6.1.3 Observed Gauge-Storage capacity Records for Basundani Project catchment

Basundani Project catchment has observed gauge-storage capacity records available from 1996-2010, for monsoon months. However, the information on water release, spills etc., is not available.

6.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Basundani Project catchment is 752 with total water holding capacity of 43.9 Mm^3. While number of WHS in its differential catchment is 317 with total water holding capacity of 16.5 Mm^3.

6.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 25.58 Mm^3 (with all interventions and including upstream Ummed Sagar project catchment area). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 27.

Table 27: Flow Dependability –Basundani Project catchment, Water Yield (Mm^3)

Dependability Level, %	Water Yield, Mm^3
25	36.70
50	10.30
75	4.90
90	3.00

Rainfall occurs mainly during the monsoon season in Basundani Project catchment therefore major portion of stream flow will occur only during these months. From Table 27 it is evident that annual dependable flow at 50% is 10.3 Mm^3 while flow at 75% is 4.9 Mm^3 which accounts for 58.68% of live storage capacity.

6.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 28.

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Table 28: Impact of WHS on inflows to the project, (Mm^3)

Scenario	Mean annual water yield, Mm^3
Scenario 1	4.40
Scenario 2	4.57
Difference	0.17

From Table 28 it is evident that mean annual yield computed for Basundani Project for Scenario1 is 4.40 Mm^3 (after excluding area upstream of Ummed sagar medium project) while for scenario 2 is 4.57 Mm^3. The difference of 0.17 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 28 that after putting up these WHS the inflow to dam site is reduced by 3.7%.

6.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Basundani Project catchment (after excluding area upstream of Ummed sagar medium project by all water harvesting structures) is 2.259 Mm^3, which implies that 2.259 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Basundani) in Scenario 1 is 2.12 Mm^3 while in Scenario 2 is 2.38 Mm^3. There is a decrease of 11% in the reservoir evaporation with these WHS in place.

6.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Sandy loam. The soil permeability is assumed to be 0.25 mm/hr[4].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in differential catchment of Basundani Project is 6.613 Mm^3.

6.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 29:

Table 29: Summary of Impact of WHS

Scenario	Mean annual Yield, Mm^3	Reservoir evaporation, Mm^3	Net yield, Mm^3
1	*2*	*4*	*2-4*
Scenario 1	4.40	2.12	2.28
Scenario 2	4.57	2.38	2.19

As it is evident from Table 29 water harnessed in Scenario 1 is more than in Scenario 2.

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[4] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

7. Catchment area study of Selected Minor Irrigation project in Chambal Basin

Indrani Minor Irrigation project has been selected in Chambal Basin. The project study has been performed and presented below.

7.1 Indrani Project

7.1.1 Characteristics of Indrani Project Catchment

a) Topography

Elevation ranges from 255 to 483 m amsl in the project catchment. The topographic statistics of elevation of the Indrani Project catchment is given in Table 30.

Table 30: Elevation Summaries –Indrani Project Catchment

Parameter	Elevation (m amsl)
Minimum Elevation	255.0
Maximum Elevation	483.0
Mean Elevation	328.0

b) Land Use

The major part of the catchment area is under Degraded forest (53.30%). Wheat, Barley, Gram, Rape & Mustard and Methi are the predominant crops (Source: Agriculture Statistics Handbook, Government of Rajasthan).

Table 31 gives the land use categories and the area covered under each category of land use for the Indrani Project catchment.

Table 31: Landuse Categories –Indrani Project Catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	2.43	8.36
Rabi only	0.99	3.41
Double cropping	1.95	6.71
Current fallow	0.43	1.48
Deciduous forest	4.83	16.62
Degraded forest	15.49	53.30
Other wasteland	2.14	7.36
Gullied	0.00	0.00
Scrubland	0.22	0.76
Water bodies	0.58	2.00
Total	29.06	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Indrani Project catchment is predominantly Clay. Table 32 shows the area under each of the soil texture class found in the Indrani Project catchment.

Table 32: Soil Texture –Indrani Project Catchment

Soil Texture	Area (ha)	% of Catchment Area
Clay	28.56	98.28
Clay Loam	0.50	1.72
Total	29.06	100.00

Source: SRSAC, DST, Jodhpur

7.1.2 General features of Indrani Project catchment

Indrani Project is a minor project in chakan sub-basin belonging to Chambal river basin. The catchment area is 29.06 km^2 and falls in Bundi District.

Table 33 gives the characteristic of Indrani Project catchment.

Table 33: Project details –Indrani Project Catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Indrani Project	Minor	5.03	-	1996-2010	29.06

a) Upstream Projects

There are no upstream major\medium projects in Indrani Project catchment.

b) Minor Projects

There are no minor projects in the catchment area of Indrani Project.

7.1.3 Observed Gauge-Storage capacity Records for Indrani Project catchment

Indrani Project catchment has observed gauge-storage capacity records available from 1996-2010, for monsoon months. However, the information on water release, spills etc., is not available.

7.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Indrani Project catchment is 2 with total water holding capacity of 0.0168 Mm^3.

7.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 3.82 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 34.

Table 34: Flow Dependability –Indrani Project catchment, Water Yield (Mm^3)

Dependability Level, %	Water Yield, Mm^3
25	6.30
50	1.60
75	0.60
90	0.30

Rainfall occurs mainly during the monsoon season in Indrani Project catchment therefore major portion of stream flow will occur only during these months. From Table 34 it is evident that annual dependable flow at 50% is 1.6 Mm^3 while there is negligible flow at 75% (0.6 Mm^3) which accounts for 11.9% of live storage capacity.

7.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 35.

Table 35: Impact of WHS on inflows to the project, (Mm^3)

Scenario	Mean annual water yield, Mm^3
Scenario 1	3.82
Scenario 2	3.85
Difference	0.03

From Table 35 it is evident that mean annual yield computed for Indrani Project for Scenario1 is 3.82 Mm^3 while for scenario 2 is 3.85 Mm^3. The difference of 0.03 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 35 that after putting up these WHS the inflow to dam site is reduced by 0.9%.

7.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Indrani Project catchment by all water harvesting structures is 0.005 Mm^3, which implies that 0.005 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Indrani) in Scenario 1 is 0.148 Mm^3 while in Scenario 2 is 0.150 Mm^3. There is a decrease of 2% in the reservoir evaporation with these WHS in place.

7.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly clay. The soil permeability is assumed to be 0.1 mm/hr[5].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Indrani Project catchment is 0.028 Mm^3.

7.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 36:

Table 36: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*3*	*2-3*
Scenario 1	3.820	0.15	3.64
Scenario 2	3.850	0.15	3.70

As it is evident from Table 36 water harnessed in Scenario 2 is more than in Scenario 1.

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[5] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

8. Catchment area study of Selected Minor Irrigation project in Mahi Basin

Lodiser Minor Project has been in Mahi Basin selected. The project study has been performed and presented below.

8.1 Lodiser Project

8.1.1 *Characteristics of Lodiser Project Catchment*

a) Topography

Elevation ranges from 152 to 384 m amsl in the project catchment. The topographic statistics of elevation of the Lodiser Project catchment is given in Table 37.

Table 37: Elevation Summaries –Lodiser Project Catchment

Parameter	Elevation (m)
Minimum Elevation	152.0
Maximum Elevation	384.0
Mean Elevation	261.0

b) Land Use

The major part of the catchment area is under Fallow Land (27.07%).

Table 38 gives the land use categories and the area covered under each category of land use for the Lodiser Project catchment.

Table 38: Landuse Categories –Lodiser Project Catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	119.96	26.52
Rabi only	13.97	3.09
Double cropping	40.42	8.94
Current fallow	122.44	27.07
Deciduous forest	15.70	3.47
Degraded forest	43.47	9.61
Other wasteland	85.68	18.94
Gullied	0.00	0.00
Scrubland	6.52	1.44
Water bodies	4.16	0.92
Total	452.32	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Lodiser Project catchment is predominantly Sandy loam. Table 39 shows the area under each of the soil texture class found in the Lodiser Project catchment.

Table 39: Soil Texture –Lodiser Project Catchment

Soil Texture	Area (km^2)	% of Catchment Area
Clay	28.71	6.35
Sand	65.28	14.43
Sandy Clay Loam	1.35	0.30
Sandy Loam	339.99	75.16
Silt Loam	16.99	3.76
Total	452.32	100.00

Source: SRSAC, DST, Jodhpur

8.1.2 General features of Lodiser Project Catchment

Lodiser Project is a minor project in moran sub-basin belonging to Mahi river basin. The catchment area is 452.32 km^2 and falls in Dungarpur District.

Table 40 gives the characteristic of Lodiser Project catchment.

Table 40: Project details –Lodiser Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Lodiser Project	Minor	10.05	-	1996-2010	452.32

a) Upstream Projects

There are no upstream major\medium projects in Lodiser Project catchment.

b) Minor Projects

There are 8 minor projects in the catchment area of Lodiser Project with total live storage capacity of 10.1 Mm^3.

8.1.3 Observed Gauge-Storage capacity Records for Lodiser Project catchment

Lodiser Project catchment has observed gauge-storage capacity records available from 1996-2010, for monsoon months. However, the information on water release, spills etc., is not available.

8.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Lodiser Project catchment is 128 with total water holding capacity of 5.83 Mm^3.

8.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 66.9 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 41.

Table 41: Flow Dependability –Lodiser Project catchment, Water Yield (Mm^3)

Dependability Level, %	Water Yield, Mm^3
25	79.80
50	54.00
75	23.20
90	6.90

Rainfall occurs mainly during the monsoon season in Lodiser Project catchment therefore major portion of stream flow will occur only during these months. From Table 41 it is evident that annual dependable flow at 50% is 54 Mm^3 while flow at 75% is 23.2 Mm^3 which accounts for 230% of live storage capacity.

8.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 42.

Table 42: Impact of WHS on inflows to the project, (Mm^3)

Scenario	Mean annual water yield, Mm^3
Scenario 1	66.90
Scenario 2	72.25
Difference	5.35

From Table 42 it is evident that mean annual yield computed for Lodiser Project for Scenario1 is 66.9 Mm^3 while for scenario 2 is 72.25 Mm^3. The difference of 5.35 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 42 that after putting up these WHS the inflow to dam site is reduced by 7.4%.

8.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Lodiser Project catchment by all water harvesting structures is 1.379 Mm^3, which implies that 1.379 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Lodiser) in Scenario 1 is 0.93 Mm^3 while in Scenario 2 is 0.95 Mm^3. There is a decrease of 2% in the reservoir evaporation with these WHS in place.

8.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Sandy loam. The soil permeability is assumed to be 0.25 mm/hr[6].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Lodiser Project catchment is 5.326 Mm^3.

8.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 43:

Table 43: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*3*	*2-3*
Scenario 1	66.90	0.93	65.97
Scenario 2	72.25	0.95	71.30

As it is evident from Table 43 water harnessed in Scenario 2 is more than in Scenario 1.

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[6] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

9. Catchment area study of Selected Minor Irrigation project in Sabarmati Basin

Ogna Minor Project has been selected in Sabarmati Basin. The project study has been performed and presented below.

9.1 Ogna Project

9.1.1 Characteristics of Ogna Project catchment

a) Topography

Elevation ranges from 529 to 1021 m amsl in the project catchment. The topographic statistics of elevation of the Ogna Project catchment is given in Table 44.

Table 44: Elevation Summaries –Ogna Project catchment

Parameter	Elevation (m amsl)
Minimum Elevation	529.0
Maximum Elevation	1021.0
Mean Elevation	686.0

b) Land Use

The major part of the catchment area is under Deciduous Forest (78.33%).

Table 45 gives the land use categories and the area covered under each category of land use for the Ogna Project catchment.

Table 45: Landuse Categories –Ogna Project catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	1.70	4.98
Rabi only	0.15	0.44
Double cropping	2.90	8.49
Current fallow	0.04	0.12
Deciduous forest	26.75	78.33
Degraded forest	1.61	4.71
Other wasteland	0.19	0.56
Gullied	0.00	0.00
Scrubland	0.00	0.00
Water bodies	0.81	2.37
Total	34.15	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Ogna Project catchment is predominantly Sand. Table 46 shows the area under each of the soil texture class found in the Ogna Project catchment.

Table 46: Soil Texture –Ogna Project catchment

Soil Texture	Area (km^2)	% of Catchment Area
Sand	28.8	84.33
Sandy Loam	5.35	15.67
Total	34.2	100.00

Source: SRSAC, DST, Jodhpur

9.1.2 General features of Ogna Project catchment

Ogna Project is a minor project in wakal sub-basin belonging to Sabarmati river basin. The catchment area is 34.15 km^2 and falls in Udaipur District.

Table 47 gives the characteristic of Ogna Project catchment.

Table 47: Project details –Ogna Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Ogna Project	Minor	7.02	-	2001-2010	34.15

a) Upstream Projects

There are no upstream major\medium projects in Ogna Project catchment.

b) Minor Projects

There are no minor projects in the catchment area of Ogna Project.

9.1.3 Observed Gauge-Storage capacity Records for Ogna Project catchment

Ogna Project catchment has observed gauge-storage capacity records available from 2001-2010, for monsoon months. However, the information on water release, spills etc., is not available.

9.1.4 Water Bodies (Water harvesting structures, WHS)

There are no water bodies (excluding Major/Medium/Minor projects) in Ogna Project catchment.

9.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 7.33 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 48.

Table 48: Flow Dependability –Ogna Project catchment, Water Yield (Mm^3)

Dependability Level, %	Water Yield, Mm^3
25	8.80
50	5.30
75	2.90
90	0.70

Rainfall occurs mainly during the monsoon season in Ogna Project catchment therefore major portion of stream flow will occur only during these months. From Table 48 it is evident that annual dependable flow at 50% is 5.3 Mm^3 while flow at 75% is 2.9 Mm^3 which accounts for 41.3% of live storage capacity.

9.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 49.

Table 49: Impact of WHS on inflows to the project, (Mm^3)

Scenario	Mean annual water yield, Mm^3
Scenario 1	7.33
Scenario 2	7.33
Difference	0.00

From Table 49 it is evident that mean annual yield computed for Ogna Project for Scenario1 and 2 is 7.33 Mm^3 as there are no WHSs in Ogna.

9.1.7 Evaporation and resultant water loss

There are no water harvesting structures in Ogna Project catchment

9.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Sand. The soil permeability is assumed to be 0.3 mm/hr[7].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Ogna Project catchment is nil.

9.1.9 Summary of the impact of WHS’s

The impact of WHS’s is summarized in Table 50:

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[7] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

Table 50: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*3*	*2-3*
Scenario 1	7.33	0.38	6.95
Scenario 2	7.33	0.38	6.95

As it is evident from Table 50 water harnessed in Scenario 2 is more than in Scenario 1.

10. Catchment area study of Selected Minor Irrigation project in Luni Basin

Girinanda Minor Project has been selected in Luni Basin. The project study has been performed and presented below.

10.1 Girinanda Project

10.1.1 Characteristics of Girinanda Project Catchment

a) Topography

Elevation ranges from 345 to 607 m amsl in the project catchment. The topographic statistics of elevation of the Girinanda Project catchment is given in Table 51.

Table 51: Elevation Summaries –Girinanda Project Catchment

Parameter	Elevation (m amsl)
Minimum Elevation	345.0
Maximum Elevation	607.0
Mean Elevation	407.0

b) Land Use

The major part of the catchment area is under Fallow Land (46.71%). Wheat, Barley, Gram, Rape & Mustard and Methi are the predominant crops (Source: Agriculture Statistics Handbook, Government of Rajasthan).

Table 52 gives the land use categories and the area covered under each category of land use for the Girinanda Project catchment.

Table 52: Landuse Categories –Girinanda Project Catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	23.57	25.34
Rabi only	1.81	1.95
Double cropping	7.15	7.69
Current fallow	43.45	46.71
Deciduous forest	1.34	1.44
Degraded forest	2.19	2.35
Other wasteland	11.18	12.02
Gullied	0.00	0.00
Scrubland	2.33	2.50
Water bodies	0.00	0.00
Total	93.02	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Girinanda Project catchment is predominantly Sand. Table 53 shows the area under each of the soil texture class found in the Girinanda Project catchment.

Table 53: Soil Texture –Girinanda Project catchment

Soil Texture	Area (Km^2)	% of Catchment Area
Loamy Sand	24.47	26.31
Sand	64.90	69.77
Sandy Loam	3.65	3.92
Total	93.02	100.00

Source: SRSAC, DST, Jodhpur

10.1.2 General features of Girinanda Project catchment

Girinanda Project is a minor project in luni sub-basin belonging to Luni river basin. The catchment area is 93.02 km^2 and falls in Pali District.

Table 54 gives the characteristic of Girinanda Project catchment.

Table 54: Project details –Girinanda Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Girinanda Project	Minor	5.59	-	1996-2010	93.02

a) Upstream Projects

There are no upstream major\medium projects in Girinanda Project catchment.

b) Minor Projects

There is 1 minor project in the catchment area of Girinanda Project with total live storage capacity of 0.44 Mm^3.

10.1.3 Observed Gauge-Storage capacity Records for Girinanda Project catchment

Girinanda Project catchment has observed gauge-storage capacity records available from 1996-2010, for monsoon months. However, the information on water release, spills etc., is not available.

10.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Girinanda Project catchment is 41 with total water holding capacity of 0.78 Mm^3.

10.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 2.69 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 55.

Table 55: Flow Dependability –Girinanda Project catchment, Water Yield (Mm^3)

Dependability Level, %	Water Yield, Mm^3
25	4.50
50	1.00
75	0.30
90	0.00

Rainfall occurs mainly during the monsoon season in Girinanda Project catchment therefore major portion of stream flow will occur only during these months. From Table 55 it is evident that annual dependable flow at 50% is only 1 Mm^3 while there is negligible flow at 75% (0.3 Mm^3) which accounts for 5.3% of live storage capacity.

10.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 56.

Table 56: Impact of WHS on inflows to the project, (Mm^3)

Scenario	Mean annual water yield, Mm^3
Scenario 1	2.69
Scenario 2	3.10
Difference	0.41

From Table 56 it is evident that mean annual yield computed for Girinanda Project for Scenario1 is 2.69 Mm^3 while for scenario 2 is 3.10 Mm^3. The difference of 0.41 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 56 that after putting up these WHS the inflow to dam site is reduced by 13.2%.

10.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Girinanda Project catchment by all water harvesting structures is 0.139 Mm^3, which implies that 0.139 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Girinanda) in Scenario 1 is 0.14 Mm^3 while in Scenario 2 is 0.16 Mm^3. There is a decrease of 10% in the reservoir evaporation with these WHS in place.

10.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Sand. The soil permeability is assumed to be 0.3 mm/hr[8].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Girinanda Project catchment is 0.516 Mm^3.

10.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 57:

Table 57: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*4*	*2-4*
Scenario 1	2.69	0.14	2.55
Scenario 2	3.10	0.16	2.94

As it is evident from Table 57 water harnessed in Scenario 2 is more than in Scenario 1.

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[8] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

11. Catchment area study of Selected Minor Irrigation project in West Banas Basin

Kadambri Minor Project has been selected in West Banas Basin. The project study has been performed and presented below.

11.1 Kadambri Project

11.1.1 Characteristics of Kadambri Project Catchment

a) Topography

Elevation ranges from 373 to 1054 m amsl in the project catchment. The topographic statistics of elevation of the Kadambri Project catchment is given in Table 58.

Table 58: Elevation Summaries –Kadambri Project Catchment

Parameter	Elevation (m amsl)
Minimum Elevation	373.0
Maximum Elevation	1054.0
Mean Elevation	498.0

b) Land Use

The major part of the catchment area is under Fallow Land (30.25%). Wheat, Barley, Gram, Rape & Mustard and Methi are the predominant crops (Source: Agriculture Statistics Handbook, Government of Rajasthan).

Table 59 gives the land use categories and the area covered under each category of land use for the Kadambri Project catchment.

Table 59: Landuse Categories –Kadambri Project catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	5.59	7.99
Rabi only	7.76	11.10
Double cropping	6.09	8.71
Current fallow	21.16	30.25
Deciduous forest	12.16	17.39
Degraded forest	5.07	7.25
Other wasteland	11.72	16.76
Gullied	0.00	0.00
Scrubland	0.39	0.56
Water bodies	0.00	0.00
Total	69.94	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Kadambri Project catchment is predominantly Sandy Clay loam. Table 60 shows the area under each of the soil texture class found in the Kadambri Project catchment.

Table 60: Soil Texture –Kadambri Project catchment

Soil Texture	Area (km^2)	% of Catchment Area
Clay Loam	3.24	4.63
Loamy Sand	24.94	35.66
Sand	1.48	2.12
Sandy Clay Loam	36.41	52.06
Sandy Loam	3.87	5.53
Total	69.94	100.00

Source: SRSAC, DST, Jodhpur

11.1.2 General features of Kadambri Project catchment

Kadambri Project is a minor project in belonging to West Banas river basin. The catchment area is 69.94 km^2 and falls in Sirohi District.

Table 61 gives the characteristic of Kadambri Project catchment.

Table 61: Project details –Kadambri Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Kadambri Project	Minor	4.37	-	1996-2010	69.94

a) Upstream Projects

There are no upstream projects in Kadambri Project catchment.

b) Minor Projects

There are no minor projects in the catchment area of Kadambri Project.

11.1.3 Observed Gauge-Storage capacity Records for Kadambri Project catchment

Kadambri Project catchment has observed gauge-storage capacity records available from 1996-2010, for monsoon months. However, the information on water release, spills etc., is not available.

11.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Kadambri Project catchment is 12 with total water holding capacity of 0.96 Mm^3.

11.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 15.65 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 62.

Table 62: Flow Dependability –Kadambri Project catchment, Water Yield (Mm^3)

Dependability Level, %	**Water Yield, Mm^3**
25	18.70
50	7.50
75	4.80
90	1.80

Rainfall occurs mainly during the monsoon season in Kadambri Project catchment therefore major portion of stream flow will occur only during these months. From Table 62 it is evident that annual dependable flow at 50% is 7.5 Mm^3 while flow at 75% is 4.8 Mm^3 which accounts for 111% of gross storage capacity.

11.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 63.

Table 63: Impact of WHS on inflows to the project, (Mm^3)

Scenario	**Mean annual water yield, Mm^3**
Scenario 1	15.65
Scenario 2	16.58
Difference	0.94

From Table 63 it is evident that mean annual yield computed for Kadambri Project for Scenario1 is 15.65 Mm^3 while for scenario 2 is 16.58 Mm^3. The difference of 0.94 Mm^3 is the net effect of WHSs on water yield to the project.

A conclusion can be drawn from Table 63 that after putting up these WHS the inflow to dam site is reduced by 5.6%.

11.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Kadambri Project catchment by all water harvesting structures is 0.371 Mm^3, which implies that 0.371 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Kadambri) in Scenario 1 is 0.65 Mm^3 while in Scenario 2 is 0.69 Mm^3. There is a decrease of 6% in the reservoir evaporation with these WHS in place.

11.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Sandy clay loam. The soil permeability is assumed to be 0.25 mm/hr[9].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Kadambri Project catchment is 0.747 Mm^3.

11.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 64:

Table 64: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*4*	*2-4*
Scenario 1	15.65	0.65	15.00
Scenario 2	16.58	0.69	15.89

As it is evident from Table 64 water harnessed in Scenario 2 is more than in Scenario 1.

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[9] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

12. Catchment area study of Selected Minor Irrigation project in Sukli Basin

Tokra Minor Project has been selected for Minor Project in Sukli Basin. The project study has been performed and presented below.

12.1 Tokra Project

12.1.1 Characteristics of Tokra Project catchment

a) Topography

Elevation ranges from 297 to 1687 m amsl in the project catchment. The topographic statistics of elevation of the Tokra Project catchment is given in Table 65.

Table 65: Elevation Summaries –Tokra Project catchment

Parameter	Elevation (m amsl)
Minimum Elevation	297.0
Maximum Elevation	1687.0
Mean Elevation	398.0

b) Land Use

The major part of the catchment area is under Deciduous forest (75.89%).

Table 66 gives the land use categories and the area covered under each category of land use for the Tokra Project catchment.

Table 66: Landuse Categories –Tokra Project catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	0.03	0.09
Rabi only	1.41	4.06
Double cropping	1.58	4.55
Current fallow	0.03	0.09
Deciduous forest	26.34	75.89
Degraded forest	4.25	12.24
Other wasteland	0.89	2.56
Gullied	0.00	0.00
Scrubland	0.00	0.00
Water bodies	0.18	0.52
Total	34.71	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Tokra Project catchment is predominantly Loamy sand. Table 67 shows the area under each of the soil texture class found in the Tokra Project catchment.

Table 67: Soil Texture –Tokra Project catchment

Soil Texture	Area (km^2)	% of Catchment Area
Loamy Sand	34.59	99.65
Sandy Clay Loam	0.12	0.35
Total	34.71	100.00

Source: SRSAC, DST, Jodhpur

12.1.2 General features of Tokra Project catchment

Tokra Project is a minor project in Sukli river basin. The catchment area is 34.71 km^2 and falls in Sirohi District.

Table 68 gives the characteristic of Tokra Project catchment.

Table 68: Project details –Tokra Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Tokra Project	Minor	5.20	-	1996-2010	34.71

a) Upstream Projects

There are no major\medium upstream projects in Tokra Project catchment.

b) Minor Projects

There are no minor projects in the catchment area of Tokra Project.

12.1.3 Observed Gauge-Storage capacity Records for Tokra Project catchment

Tokra Project catchment has observed gauge-storage capacity records available from 1996-2010, for monsoon months. However, the information on water release, spills etc., is not available.

12.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in Tokra Project catchment is 6 with total water holding capacity of 0.108 Mm^3.

12.1.5 Inflows to the Project

Actual mean annual water yield to the project is computed to be 9.57 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 69.

Table 69: Flow Dependability –Tokra Project catchment, Water Yield (Mm^3)

Dependability Level, %	Water Yield, Mm^3
25	10.50
50	7.10
75	3.80
90	1.80

Rainfall occurs mainly during the monsoon season in Tokra Project catchment therefore major portion of stream flow will occur only during these months. From Table 69 it is evident that annual dependable flow at 50% is 7.1 Mm^3 while flow at 75% is 3.8 Mm^3 which accounts for 73% of gross storage capacity.

12.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 70.

Table 70: Impact of WHS on inflows to the project, (Mm^3)

Scenario	Mean annual water yield, Mm^3
Scenario 1	9.57
Scenario 2	9.57
Difference	0.00

From Table 70 it is evident that mean annual yield computed for Tokra Project for Scenario1 is 9.57 Mm^3 while for scenario 2 is also 9.57 Mm^3. There is negligible effect of WHS on water yield to project.

12.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Tokra Project catchment by all water harvesting structures is 0.05 Mm^3, which implies that 0.05 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Tokra) in Scenario 1 and 2 is 0.40 Mm^3.

12.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Loamy sand. The soil permeability is assumed to be 0.25 mm/hr[10].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Tokra Project catchment is 0.15 Mm^3.

12.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 71:

Table 71: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*3*	*2-3*
Scenario 1	9.57	0.40	9.17
Scenario 2	9.57	0.40	9.17

As it is evident from Table 71 water harnessed in Scenario 2 is more than in Scenario 1.

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[10] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

13. Catchment area study of Selected Minor Irrigation project in Ruparail Basin

Hans Sarovar Minor Project has been selected in Ruparail Basin. The project has been performed and presented below.

13.1 Hans Sarovar Project

13.1.1 Characteristics of Hans Sarovar Project catchment

a) Topography

Elevation ranges from 233 to 728 m amsl in the project catchment. The topographic statistics of elevation of the Hans Sarovar Project catchment is given in Table 65.

Table 72: Elevation Summaries –Hans Sarovar Project catchment

Parameter	Elevation (m amsl)
Minimum Elevation	233.0
Maximum Elevation	728.0
Mean Elevation	617.0

b) Land Use

The major part of the catchment area is under Rabi cropping (34.00%).

Table 66 gives the land use categories and the area covered under each category of land use for the Hans Sarovar Project catchment.

Table 73: Landuse Categories –Hans Sarovar Project catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	6.75	22.48
Kharif only	0.78	2.60
Rabi only	10.21	34.00
Double cropping	5.34	17.78
Current fallow	4.23	14.09
Deciduous forest	1.46	4.86
Degraded forest	0.54	1.80
Other wasteland	0.56	1.86
Gullied	0.00	0.00
Scrubland	0.02	0.07
Water bodies	0.14	0.47
Total	30.03	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Hans Sarovar Project catchment is predominantly Clay. Table 67 shows the area under each of the soil texture class found in the Hans Sarovar Project catchment.

Table 74: Soil Texture –Hans Sarovar Project catchment

Soil Texture	Area (km^2)	% of Catchment Area
Clay	30.03	100.00
Total	30.03	100.00

Source: SRSAC, DST, Jodhpur

13.1.2 General features of Hans Sarovar Project catchment

Hans Sarovar Project is a minor project in Ruparail river basin. It was observed that most of the active channel and its upstream area is encroached for industrial/residential purpose drastically reducing its free catchment area. The actual catchment area of Hans sarovar project is 142.55 km^2 whereas now its free catchment area is only 30.03 km^2 and falls in Alwar District.

Table 68 gives the characteristic of Hans Sarovar Project catchment.

Table 75: Project details –Hans Sarovar Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Hans Sarovar Project	Minor	9.23	-	2001-2010	30.03

c) Upstream Projects

There are no major\medium upstream projects in Hans Sarovar Project catchment.

d) Minor Projects

There are no minor projects in the catchment area of Hans Sarovar Project.

13.1.3 Observed Gauge-Storage capacity Records for Hans Sarovar Project catchment

Hans Sarovar Project catchment has observed gauge-storage capacity records available from 2001-2010, for monsoon months. However, the information on water release, spills etc., is not available.

13.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in free catchment area of Hans Sarovar Project is 7 with total water holding capacity of 0.024 Mm^3.

13.1.5 Inflows to the Project

The project is modelled only for free catchment area (30.03 km^2) assuming that there is no contribution from remaining upstream encroached area.

Actual mean annual water yield to the project is computed to be 1.47 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 69.

Table 76: Flow Dependability –Hans Sarovar Project catchment, Water Yield (Mm^3)

Dependability Level, %	**Water Yield, Mm^3**
25	1.50
50	1.10
75	0.80
90	0.60

Rainfall occurs mainly during the monsoon season in Hans Sarovar Project catchment therefore major portion of stream flow will occur only during these months. From Table 69 it is evident that annual dependable flow at 50% is 1.10 Mm^3 while flow at 75% is 0.80 Mm^3 which accounts for 8.6% of live storage capacity.

13.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 70.

Table 77: Impact of WHS on inflows to the project, (Mm^3)

Scenario	**Mean annual water yield, Mm^3**
Scenario 1	1.47
Scenario 2	1.48
Difference	0.01

From Table 70 it is evident that mean annual yield computed for Hans Sarovar Project for Scenario1 is 1.47 Mm^3 while for scenario 2 is also 1.48 Mm^3. There is negligible effect (0.01 Mm^3) of WHS on water yield to project.

13.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Hans Sarovar Project catchment by all water harvesting structures is 0.003 Mm^3, which implies that 0.003 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Hans Sarovar) in Scenario 1 and 2 is 0.097 and 0.098 Mm^3 respectively.

13.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly Clay. The soil permeability is assumed to be 0.1 mm/hr[11].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Hans Sarovar Project catchment is 0.03 Mm^3.

13.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 71:

Table 78: Summary of Impact of WHS

Scenario	**Mean annual Yield, Mm^3**	**Reservoir evaporation, Mm^3**	**Net yield, Mm^3**
1	*2*	*3*	*2-3*
Scenario 1	1.470	0.097	1.373
Scenario 2	1.480	0.098	1.382

As it is evident from Table 71 water harnessed in Scenario 2 is more than in Scenario 1

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[11] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

14. Catchment area study of Selected Minor Irrigation project in Banganga Basin

Chandrana Minor Project, has been selected Banganga Basin. The project study has been performed and presented below.

14.1 Chandrana Project

14.1.1 Characteristics of Chandrana Project catchment

a) Topography

Elevation ranges from 323 to 621 m amsl in the project catchment. The topographic statistics of elevation of the Chandrana Project catchment is given in Table 65.

Table 79: Elevation Summaries –Chandrana Project catchment

Parameter	Elevation (m amsl)
Minimum Elevation	323.0
Maximum Elevation	621.0
Mean Elevation	377.0

b) Land Use

The major part of the catchment area is under Follow Land (44.99%).

Table 66 gives the land use categories and the area covered under each category of land use for the Chandrana Project catchment.

Table 80: Landuse Categories –Chandrana Project catchment

Land Use	Area (km^2)	% of Catchment Area
Built up	0.00	0.00
Kharif only	18.01	8.86
Rabi only	32.36	15.92
Double cropping	5.43	2.67
Current fallow	91.46	44.99
Deciduous forest	11.34	5.58
Degraded forest	22.86	11.24
Other wasteland	15.92	7.83
Gullied	0.02	0.01
Scrubland	3.34	1.64
Water bodies	2.57	1.26
Total	203.31	100.00

Source: NRSC, 2007-2008

c) Soil Layer

The soil in the Chandrana Project catchment is predominantly Loamy sand. Table 67 shows the area under each of the soil texture class found in the Chandrana Project catchment.

Table 81: Soil Texture –Chandrana Project catchment

Soil Texture	Area (km^2)	% of Catchment Area
Clay	35.40	17.41
Loam	40.09	19.72
Loamy Sand	83.19	40.92
Sand	5.31	2.61
Sandy Clay Loam	13.60	6.69
Sandy Loam	25.72	12.65
Total	203.31	100.00

Source: SRSAC, DST, Jodhpur

14.1.2 General features of Chandrana Project catchment

Chandrana Project is a minor project in Banganga river basin. It is located just downstream of Ramgarh dam (Major project) where it is observed that water yield has reduced to nil during past 10 years due to various interceptions and illegal mining and encroachments on river bed. It was therefore assumed that there is no contribution from upstream ramgarh dam to chandrana project and chandrana is modelled only for its differential catchment area.

The actual catchment area of Chandrana project is 1014.67 km^2 (including ramgarh dam catchment) whereas its differential catchment area is only 203.31 km^2 and falls in Dausa District.

Table 68 gives the characteristic of Chandrana Project catchment.

Table 82: Project details –Chandrana Project catchment

S. No.	Name	Type	Live Storage, Mm^3	Gross Storage, Mm^3	Data Availability	Catchment Area, Km^2
1	Chandrana Project	Minor	4.44	-	1996-2010	203.31

a) Upstream Projects

There is one major project Ramgarh Dam upstream of Chandrana Project catchment.

b) Minor Projects

There are 2 minor projects in the catchment area of Chandrana Project with live storage of 4.7 Mm^3.

14.1.3 Observed Gauge-Storage capacity Records for Chandrana Project catchment

Chandrana Project catchment has observed gauge-storage capacity records available from 2001-2010, for monsoon months. However, the information on water release, spills etc., is not available.

14.1.4 Water Bodies (Water harvesting structures, WHS)

Total number of water bodies (excluding Major/Medium/Minor projects) in free catchment area of Chandrana Project is 7 with total water holding capacity of 0.024 Mm^3.

14.1.5 Inflows to the Project

As stated earlier it was assumed that there is no contribution from upstream ramgarh dam to chandrana project therefore chandrana is modelled only for its differential catchment area.

Actual mean annual water yield to the project is computed to be 6.52 Mm^3 (with all interventions). Dependable flows at various levels are presented in the following paragraph.

Long term yearly inflows along with other components are presented in Annexure 1.

a) Flow dependability

Assessment of dependable lean season flows along with their distribution in time is essential for planning and development of water supply schemes. Model was calibrated-validated using all the interventions and crop management practices and flows under present actual conditions (with Interventions and Human activity) are generated. Flow dependability with respect to four levels i.e. 25, 50, 75 and 90% of dependability is shown in Table 69.

Table 83: Flow Dependability –Chandrana Project catchment, Water Yield (Mm^3)

Dependability Level, %	Water Yield Mm^3
25	7.60
50	2.90
75	1.00
90	0.30

Rainfall occurs mainly during the monsoon season in Chandrana Project catchment therefore major portion of stream flow will occur only during these months. From Table 69 it is evident that annual dependable flow at 50% is 2.90 Mm^3 while flow at 75% is 1.00 Mm^3 which accounts for 22.5% of live storage capacity.

14.1.6 Impact of Water harvesting structures (WHSs)

The impact of WHS on inflows to project is computed by considering two scenarios as follows:

- Scenario 1: With all interventions (including all Major/Medium/Minor projects and WHS's)
- Scenario 2: Excluding WHS's from Scenario1

Results from above two scenarios are presented in Table 70.

Table 84: Impact of WHS on inflows to the project, (Mm^3)

Scenario	Mean annual water yield, Mm^3
Scenario 1	6.52
Scenario 2	7.32
Difference	0.80

From Table 70 it is evident that mean annual yield computed for Chandrana Project for Scenario1 is 6.52 Mm^3 while for scenario 2 is also 7.32 Mm^3. The effect of WHS on water yield to project is of 0.80 Mm^3.

14.1.7 Evaporation and resultant water loss

Evaporation from WHSs is computed from Scenario 1 where total annual evaporation from all such structures is incorporated.

The total evaporation from Chandrana Project catchment by all water harvesting structures is 0.136 Mm^3, which implies that 0.136 Mm^3 of water is lost as evaporation from such structures (See Annexure 1).

Mean annual evaporation from reservoir (See Annexure 1 for yearly values) (Chandrana) in Scenario 1 and 2 is 0.21 and 0.24 Mm^3 respectively.

14.1.8 Impact on Groundwater recharging

Effect of WHSs on ground water recharge is analyzed from hydrological model output of Scenario1. The Soil Type in project catchment is predominantly loamy sand. The soil permeability is assumed to be 0.25 mm/hr[12].

The mean annual ground water recharge (See Annexure 1 for yearly values) from WHS in Chandrana Project catchment is 0.43 Mm^3.

14.1.9 Summary of the impact of WHS's

The impact of WHS's is summarized in Table 71:

Table 85: Summary of Impact of WHS

Scenario	Mean annual Yield, Mm^3	Reservoir evaporation, Mm^3	Net yield, Mm^3
1	*2*	*3*	*2-3*
Scenario 1	6.52	0.21	6.31
Scenario 2	7.32	0.24	7.08

As it is evident from Table 71 water harnessed in Scenario 2 is more than in Scenario 1.

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[12] Source : www.co.portage.wi.us/groundwater/undrstnd/soil.htm

Annexure 1 - Annual components of Selected Minor Projects

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Ranasar	1973	1.64	1.93			0.211	0.773	
Ranasar	1974	4.73	4.98			0.264	0.819	
Ranasar	1975	2.22	2.54			0.226	0.896	
Ranasar	1976	2.31	2.62			0.272	1.003	
Ranasar	1977	4.15	4.46			0.291	1.041	
Ranasar	1978	5.04	5.34			0.292	0.986	
Ranasar	1979	1.92	2.19			0.229	0.744	
Ranasar	1980	0.37	0.47			0.102	0.376	
Ranasar	1981	2.90	3.18			0.215	0.673	
Ranasar	1982	0.38	0.50	0.02	0.03	0.130	0.474	
Ranasar	1983	1.64	1.91	0.10	0.12	0.212	0.690	
Ranasar	1984	0.62	0.77	0.03	0.04	0.120	0.469	
Ranasar	1985	0.87	1.09	0.05	0.06	0.157	0.557	
Ranasar	1986	0.99	1.22	0.05	0.07	0.207	0.681	
Ranasar	1987	0.08	0.12	0.01	0.01	0.079	0.276	
Ranasar	1988	2.16	2.48	0.11	0.12	0.218	0.741	
Ranasar	1989	0.39	0.50	0.02	0.03	0.142	0.489	
Ranasar	1990	0.16	0.23	0.01	0.01	0.066	0.228	
Ranasar	1991	0.40	0.51	0.02	0.03	0.077	0.282	
Ranasar	1992	1.43	1.70	0.06	0.08	0.174	0.624	
Ranasar	1993	1.67	1.94	0.10	0.12	0.262	0.853	
Ranasar	1994	1.22	1.48	0.07	0.09	0.206	0.747	
Ranasar	1995	1.54	1.80	0.08	0.09	0.219	0.764	
Ranasar	1996	5.60	5.94	0.37	0.39	0.319	1.066	
Ranasar	1997	0.64	0.80	0.19	0.22	0.149	0.577	
Ranasar	1998	0.08	0.12	0.00	0.00	0.051	0.212	
Ranasar	1999	0.24	0.30	0.02	0.02	0.065	0.209	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Ranasar	2000	0.18	0.25	0.01	0.02	0.050	0.169	
Ranasar	2001	0.15	0.21	0.01	0.01	0.056	0.186	
Ranasar	2002	0.06	0.09	0.00	0.01	0.047	0.139	
Ranasar	2003	0.81	0.99	0.04	0.05	0.107	0.420	
Ranasar	2004	0.79	0.97	0.04	0.04	0.136	0.514	
Ranasar	2005	3.32	3.67	0.21	0.23	0.279	0.958	
Ranasar	2006	1.66	1.92	0.11	0.13	0.249	0.829	
Ranasar	2007	0.33	0.43	0.01	0.02	0.116	0.397	
Ranasar	2008	1.80	2.12	0.12	0.14	0.251	0.813	
Ranasar	2009	0.20	0.26	0.01	0.01	0.090	0.329	
Ranasar	2010	11.07	11.41	0.32	0.32	0.268	0.952	
Ranasar	**Mean**	**1.73**	**1.93**	**0.08**	**0.09**	**0.174**	**0.604**	
New Tank Maheshwara	1973	1.09	1.56			0.158	0.590	
New Tank Maheshwara	1974	0.05	0.07			0.048	0.165	
New Tank Maheshwara	1975	1.71	2.45			0.121	0.495	
New Tank Maheshwara	1976	0.99	1.41			0.122	0.446	
New Tank Maheshwara	1977	0.92	1.32			0.084	0.325	
New Tank Maheshwara	1978	1.60	2.29			0.132	0.498	
New Tank Maheshwara	1979	0.00	0.00			0.056	0.199	
New Tank Maheshwara	1980	0.18	0.26			0.017	0.057	
New Tank Maheshwara	1981	2.88	4.10			0.221	0.789	
New Tank Maheshwara	1982	0.84	1.20			0.140	0.499	
New Tank Maheshwara	1983	1.00	1.43			0.088	0.357	
New Tank Maheshwara	1984	0.61	0.88			0.076	0.272	
New Tank Maheshwara	1985	0.07	0.09			0.024	0.091	
New Tank Maheshwara	1986	0.00	0.01			0.000	0.005	
New Tank Maheshwara	1987	0.00	0.00			0.000	0.000	
New Tank Maheshwara	1988	0.47	0.67			0.033	0.124	
New Tank Maheshwara	1989	0.00	0.00			0.011	0.043	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
New Tank Maheshwara	1990	0.03	0.05			0.000	0.011	
New Tank Maheshwara	1991	0.00	0.01			0.000	0.001	
New Tank Maheshwara	1992	0.64	0.92			0.047	0.185	
New Tank Maheshwara	1993	0.01	0.02			0.019	0.075	
New Tank Maheshwara	1994	0.08	0.11			0.006	0.023	
New Tank Maheshwara	1995	2.08	2.97			0.145	0.572	
New Tank Maheshwara	1996	0.69	0.98			0.114	0.434	
New Tank Maheshwara	1997	0.71	1.02			0.067	0.268	
New Tank Maheshwara	1998	0.00	0.00			0.028	0.100	
New Tank Maheshwara	1999	0.42	0.60			0.026	0.115	
New Tank Maheshwara	2000	0.00	0.00			0.010	0.040	
New Tank Maheshwara	2001	0.30	0.44			0.024	0.081	
New Tank Maheshwara	2002	0.00	0.00			0.005	0.023	
New Tank Maheshwara	2003	1.51	2.16			0.101	0.424	
New Tank Maheshwara	2004	0.27	0.39	0.01	0.02	0.068	0.238	
New Tank Maheshwara	2005	1.19	1.71	0.08	0.12	0.108	0.368	
New Tank Maheshwara	2006	0.25	0.36	0.02	0.02	0.047	0.172	
New Tank Maheshwara	2007	0.12	0.18	0.01	0.01	0.014	0.058	
New Tank Maheshwara	2008	2.75	3.92	0.14	0.20	0.170	0.687	
New Tank Maheshwara	2009	0.01	0.02	0.00	0.02	0.107	0.358	
New Tank Maheshwara	2010	0.27	0.39	0.01	0.02	0.017	0.082	
New Tank Maheshwara	**Mean**	**0.63**	**0.89**	**0.04**	**0.06**	**0.065**	**0.244**	
Rampur Bund	1973	1.02	1.29	0.05	0.07	0.161	0.592	
Rampur Bund	1974	0.57	0.77	0.03	0.04	0.138	0.478	
Rampur Bund	1975	2.71	3.13	0.12	0.14	0.175	0.707	
Rampur Bund	1976	1.21	1.51	0.06	0.08	0.193	0.689	
Rampur Bund	1977	4.57	5.11	0.21	0.24	0.204	0.780	
Rampur Bund	1978	3.35	3.72	0.16	0.19	0.198	0.725	
Rampur Bund	1979	0.82	1.08	0.05	0.07	0.193	0.604	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Rampur Bund	1980	1.38	1.67	0.08	0.10	0.175	0.596	
Rampur Bund	1981	3.11	3.48	0.17	0.19	0.163	0.600	
Rampur Bund	1982	0.70	0.95	0.04	0.06	0.163	0.546	
Rampur Bund	1983	3.14	3.55	0.15	0.17	0.185	0.698	
Rampur Bund	1984	3.04	3.43	0.12	0.14	0.168	0.609	
Rampur Bund	1985	1.44	1.74	0.08	0.09	0.183	0.648	
Rampur Bund	1986	0.11	0.18	0.01	0.01	0.077	0.275	
Rampur Bund	1987	0.52	0.72	0.03	0.04	0.119	0.373	
Rampur Bund	1988	0.57	0.78	0.03	0.04	0.123	0.442	
Rampur Bund	1989	0.30	0.41	0.01	0.02	0.066	0.291	
Rampur Bund	1990	0.75	1.04	0.03	0.04	0.140	0.508	
Rampur Bund	1991	0.24	0.35	0.01	0.01	0.066	0.291	
Rampur Bund	1992	1.02	1.32	0.04	0.06	0.148	0.551	
Rampur Bund	1993	3.27	3.70	0.18	0.21	0.217	0.719	
Rampur Bund	1994	1.44	1.80	0.06	0.08	0.212	0.746	
Rampur Bund	1995	4.40	4.87	0.19	0.21	0.192	0.710	
Rampur Bund	1996	4.80	5.33	0.24	0.27	0.234	0.835	
Rampur Bund	1997	3.42	3.97	0.12	0.15	0.185	0.756	
Rampur Bund	1998	1.84	2.23	0.08	0.11	0.268	0.921	
Rampur Bund	1999	0.93	1.19	0.04	0.05	0.186	0.638	
Rampur Bund	2000	0.50	0.68	0.02	0.03	0.131	0.441	
Rampur Bund	2001	0.57	0.83	0.04	0.06	0.139	0.457	
Rampur Bund	2002	0.02	0.05	0.00	0.00	0.023	0.101	
Rampur Bund	2003	1.58	1.90	0.07	0.09	0.147	0.620	
Rampur Bund	2004	1.51	1.80	0.06	0.07	0.165	0.601	
Rampur Bund	2005	3.23	3.68	0.17	0.19	0.229	0.806	
Rampur Bund	2006	0.79	1.02	0.05	0.07	0.180	0.607	
Rampur Bund	2007	0.75	1.00	0.03	0.04	0.147	0.506	
Rampur Bund	2008	3.76	4.25	0.17	0.19	0.234	0.823	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Rampur Bund	2009	0.58	0.78	0.03	0.05	0.146	0.504	
Rampur Bund	2010	1.91	2.31	0.08	0.09	0.170	0.678	
Rampur Bund	**Mean**	**1.73**	**2.04**	**0.07**	**0.09**	**0.164**	**0.591**	
Basundani *	1973	6.07	6.07	5.32	5.59	1.820	6.531	83.96
Basundani *	1974	3.83	2.04	5.67	5.88	3.074	8.522	17.60
Basundani *	1975	4.40	4.38	4.01	4.17	2.482	7.681	27.71
Basundani *	1976	4.68	4.64	6.05	6.16	3.148	9.730	54.59
Basundani *	1977	4.86	4.07	6.74	7.25	3.123	9.309	14.26
Basundani *	1978	0.00	0.00	5.01	5.30	1.524	4.353	7.38
Basundani *	1979	0.99	0.99	5.26	6.07	2.160	5.727	9.45
Basundani *	1980	0.36	0.00	1.39	1.86	1.774	4.581	5.31
Basundani *	1981	0.04	0.04	2.23	3.00	0.853	2.280	1.53
Basundani *	1982	0.00	0.00	0.06	0.09	1.861	5.799	10.93
Basundani *	1983	0.83	3.88	1.78	2.42	2.523	7.678	66.31
Basundani *	1984	0.00	0.00	0.28	0.90	2.299	6.493	12.91
Basundani *	1985	0.10	0.10	3.18	3.46	1.497	4.267	4.09
Basundani *	1986	6.40	2.14	2.12	2.43	2.563	7.587	15.51
Basundani *	1987	1.05	1.02	4.15	4.40	1.948	5.125	3.13
Basundani *	1988	5.08	4.57	2.60	2.66	1.654	4.615	6.78
Basundani *	1989	4.15	5.17	3.74	3.86	2.568	8.042	38.79
Basundani *	1990	2.95	7.47	1.43	1.50	3.576	10.772	35.94
Basundani *	1991	0.00	1.66	3.60	4.09	2.464	7.163	9.74
Basundani *	1992	0.00	0.94	2.17	2.62	2.065	6.186	9.57
Basundani *	1993	13.08	9.78	2.79	3.48	3.441	9.308	18.71
Basundani *	1994	2.02	2.01	0.53	0.95	3.358	10.460	78.07
Basundani *	1995	0.84	0.66	1.74	2.46	2.268	6.221	4.21
Basundani *	1996	16.66	18.97	0.03	0.13	3.208	10.691	57.30
Basundani *	1997	3.39	3.04	1.00	1.09	2.991	8.602	57.75
Basundani *	1998	0.09	0.00	0.12	0.12	1.292	3.473	1.52

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Basundani *	1999	0.00	0.00	3.62	3.72	1.348	3.883	5.14
Basundani *	2000	0.00	0.00	1.38	1.50	1.577	4.199	11.12
Basundani *	2001	0.31	0.16	4.31	4.50	3.169	9.053	35.34
Basundani *	2002	0.74	0.51	1.59	1.83	1.573	4.102	1.42
Basundani *	2003	1.25	0.90	4.01	4.25	1.080	3.432	4.00
Basundani *	2004	64.09	67.18	1.40	1.74	3.070	9.481	179.41
Basundani *	2005	0.01	0.01	3.31	3.52	2.686	7.771	7.20
Basundani *	2006	6.41	9.84	1.22	1.32	2.751	8.266	53.26
Basundani *	2007	5.25	4.38	2.14	2.76	2.818	7.566	7.99
Basundani *	2008	5.30	4.99	0.25	0.26	1.928	5.451	6.65
Basundani *	2009	2.13	2.05	4.72	4.73	1.271	3.595	3.38
Basundani *	2010	0.00	0.00	2.11	2.24	1.032	3.306	4.01
Basundani *	**Mean**	**4.40**	**4.57**	**2.12**	**2.38**	**2.259**	**6.613**	**25.58**
Indrani	1973	14.13	14.17			0.005	0.031	
Indrani	1974	12.33	12.37			0.005	0.027	
Indrani	1975	17.38	17.41			0.004	0.032	
Indrani	1976	8.04	8.08			0.005	0.031	
Indrani	1977	15.91	15.94			0.006	0.034	
Indrani	1978	7.37	7.40			0.008	0.032	
Indrani	1979	7.18	7.23			0.008	0.044	
Indrani	1980	1.59	1.62			0.004	0.031	
Indrani	1981	6.90	6.95			0.007	0.032	
Indrani	1982	1.75	1.79			0.007	0.034	
Indrani	1983	2.97	3.00			0.006	0.029	
Indrani	1984	0.28	0.29	0.02	0.02	0.005	0.023	
Indrani	1985	0.36	0.37	0.03	0.03	0.003	0.023	
Indrani	1986	0.49	0.50	0.04	0.05	0.006	0.023	
Indrani	1987	0.32	0.34	0.02	0.02	0.004	0.020	
Indrani	1988	0.25	0.26	0.02	0.02	0.005	0.029	

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Indrani	1989	0.12	0.12	0.01	0.01	0.003	0.017	
Indrani	1990	0.60	0.61	0.06	0.06	0.005	0.025	
Indrani	1991	1.08	1.10	0.09	0.09	0.002	0.020	
Indrani	1992	1.08	1.10	0.08	0.08	0.003	0.023	
Indrani	1993	0.79	0.80	0.07	0.07	0.004	0.028	
Indrani	1994	2.09	2.12	0.17	0.17	0.003	0.030	
Indrani	1995	2.29	2.35	0.15	0.16	0.003	0.028	
Indrani	1996	1.61	1.67	0.09	0.09	0.004	0.025	
Indrani	1997	4.83	4.90	0.29	0.29	0.006	0.035	
Indrani	1998	0.90	0.94	0.09	0.09	0.004	0.034	
Indrani	1999	5.23	5.28	0.36	0.36	0.004	0.030	
Indrani	2000	7.36	7.47	0.63	0.63	0.006	0.029	
Indrani	2001	6.13	6.16	0.61	0.62	0.005	0.026	
Indrani	2002	0.36	0.37	0.07	0.07	0.007	0.027	
Indrani	2003	0.38	0.39	0.03	0.03	0.005	0.025	
Indrani	2004	1.20	1.21	0.09	0.09	0.004	0.024	
Indrani	2005	1.25	1.31	0.09	0.09	0.006	0.029	
Indrani	2006	2.33	2.38	0.19	0.19	0.004	0.024	
Indrani	2007	5.86	5.96	0.51	0.51	0.008	0.029	
Indrani	2008	1.45	1.49	0.13	0.13	0.004	0.027	
Indrani	2009	0.28	0.29	0.03	0.03	0.005	0.029	
Indrani	2010	0.61	0.63	0.04	0.04	0.004	0.030	
Indrani	**Mean**	**3.82**	**3.85**	**0.15**	**0.15**	**0.005**	**0.028**	
Lodiser	1973	145.16	156.22	0.93	0.95	1.325	5.508	
Lodiser	1974	13.45	16.20	1.07	1.09	1.314	4.576	
Lodiser	1975	92.09	99.34	1.07	1.08	1.512	6.175	
Lodiser	1976	125.16	132.67	1.09	1.10	1.722	6.850	
Lodiser	1977	146.60	153.64	1.29	1.29	2.001	7.437	
Lodiser	1978	165.60	171.54	1.03	1.04	1.595	6.272	

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Lodiser	1979	52.93	57.86	1.09	1.09	1.466	5.510	
Lodiser	1980	60.52	64.66	1.39	1.40	1.632	5.713	
Lodiser	1981	50.03	55.29	1.07	1.10	1.269	5.042	
Lodiser	1982	68.54	75.14	1.24	1.27	1.795	6.251	
Lodiser	1983	76.54	84.01	1.20	1.20	1.829	7.230	
Lodiser	1984	131.14	139.53	1.12	1.13	1.710	6.646	
Lodiser	1985	7.18	8.43	0.79	0.84	1.002	3.836	
Lodiser	1986	17.84	21.60	0.72	0.82	1.249	4.731	
Lodiser	1987	55.69	60.08	0.92	0.92	1.249	4.394	
Lodiser	1988	66.59	74.24	1.00	1.00	1.387	5.259	
Lodiser	1989	39.48	44.32	1.04	1.05	1.549	5.733	
Lodiser	1990	89.58	98.33	1.03	1.04	1.661	6.677	
Lodiser	1991	56.36	61.64	1.05	1.06	1.397	5.367	
Lodiser	1992	32.59	35.67	0.92	0.92	1.193	4.835	
Lodiser	1993	48.50	55.00	1.16	1.17	1.455	5.401	
Lodiser	1994	192.68	202.12	0.94	0.95	1.542	6.695	
Lodiser	1995	23.22	24.85	1.00	1.00	1.082	4.009	
Lodiser	1996	60.46	65.97	0.99	0.99	1.343	5.463	
Lodiser	1997	69.45	75.32	1.05	1.06	1.564	6.204	
Lodiser	1998	39.15	44.25	0.96	0.97	1.469	5.678	
Lodiser	1999	18.50	20.59	1.12	1.13	1.187	4.248	
Lodiser	2000	4.63	5.68	0.68	0.73	0.798	3.078	
Lodiser	2001	32.37	38.28	0.69	0.71	1.344	5.304	
Lodiser	2002	2.68	3.22	0.53	0.56	0.655	2.461	
Lodiser	2003	23.26	28.09	0.58	0.59	1.169	4.971	
Lodiser	2004	48.20	53.66	0.99	0.99	1.335	5.113	
Lodiser	2005	21.44	25.96	0.95	0.96	1.403	5.495	
Lodiser	2006	317.55	332.12	1.02	1.03	1.734	6.925	
Lodiser	2007	55.16	58.55	1.13	1.13	1.600	5.742	

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Lodiser	2008	4.16	4.83	0.70	0.73	0.555	2.223	
Lodiser	2009	55.22	62.10	0.63	0.65	1.229	4.990	
Lodiser	2010	32.43	34.60	0.94	0.95	1.071	4.340	
Lodiser	**Mean**	**66.90**	**72.25**	**0.93**	**0.95**	**1.379**	**5.326**	
Ogna	1973	36.04	36.04	0.64	0.64			
Ogna	1974	2.72	2.72	0.61	0.61			
Ogna	1975	14.49	14.49	0.44	0.44			
Ogna	1976	9.17	9.17	0.63	0.63			
Ogna	1977	18.23	18.23	0.67	0.67			
Ogna	1978	4.38	4.38	0.57	0.57			
Ogna	1979	4.29	4.29	0.47	0.47			
Ogna	1980	8.62	8.62	0.60	0.60			
Ogna	1981	4.29	4.29	0.55	0.55			
Ogna	1982	0.85	0.85	0.38	0.38			
Ogna	1983	6.64	6.64	0.22	0.22			
Ogna	1984	7.99	7.99	0.49	0.49			
Ogna	1985	7.61	7.61	0.65	0.65			
Ogna	1986	0.25	0.25	0.43	0.43			
Ogna	1987	0.28	0.28	0.02	0.02			
Ogna	1988	4.12	4.12	0.15	0.15			
Ogna	1989	1.24	1.24	0.11	0.11			
Ogna	1990	5.63	5.63	0.20	0.20			
Ogna	1991	7.64	7.64	0.45	0.45			
Ogna	1992	15.25	15.25	0.59	0.59			
Ogna	1993	7.20	7.20	0.68	0.68			
Ogna	1994	15.60	15.60	0.55	0.55			
Ogna	1995	2.91	2.91	0.56	0.56			
Ogna	1996	2.86	2.86	0.36	0.36			
Ogna	1997	5.03	5.03	0.22	0.22			

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Ogna	1998	5.65	5.65	0.33	0.33			
Ogna	1999	0.66	0.66	0.37	0.37			
Ogna	2000	1.45	1.45	0.08	0.08			
Ogna	2001	3.52	3.52	0.14	0.14			
Ogna	2002	0.74	0.74	0.05	0.05			
Ogna	2003	6.78	6.78	0.18	0.18			
Ogna	2004	3.72	3.72	0.40	0.40			
Ogna	2005	11.96	11.96	0.45	0.45			
Ogna	2006	21.27	21.27	0.60	0.60			
Ogna	2007	13.17	13.17	0.69	0.69			
Ogna	2008	4.66	4.66	0.57	0.57			
Ogna	2009	4.83	4.83	0.53	0.53			
Ogna	2010	6.90	6.90	0.47	0.47			
Ogna	**Mean**	**7.33**	**7.33**	**0.38**	**0.38**			
Girinanda	1973	1.12	1.41	0.06	0.08	0.132	0.541	
Girinanda	1974	0.19	0.26	0.02	0.03	0.084	0.311	
Girinanda	1975	4.71	5.45	0.30	0.34	0.196	0.841	
Girinanda	1976	8.70	9.81	0.39	0.40	0.269	0.920	
Girinanda	1977	1.87	2.83	0.22	0.26	0.140	0.530	
Girinanda	1978	0.31	0.44	0.02	0.03	0.076	0.322	
Girinanda	1979	6.94	7.62	0.44	0.39	0.176	0.623	
Girinanda	1980	0.10	0.14	0.05	0.04	0.047	0.198	
Girinanda	1981	0.01	0.01	0.00	0.00	0.000	0.010	
Girinanda	1982	0.50	0.71	0.03	0.04	0.090	0.320	
Girinanda	1983	10.10	10.77	0.18	0.14	0.181	0.727	
Girinanda	1984	0.97	1.29	0.05	0.06	0.157	0.597	
Girinanda	1985	0.26	0.34	0.04	0.05	0.102	0.313	
Girinanda	1986	0.02	0.03	0.00	0.00	0.000	0.022	
Girinanda	1987	0.00	0.00	0.00	0.00	0.000	0.000	

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Girinanda	1988	0.14	0.20	0.01	0.01	0.033	0.120	
Girinanda	1989	0.73	0.97	0.05	0.07	0.130	0.473	
Girinanda	1990	3.83	4.33	0.26	0.29	0.183	0.708	
Girinanda	1991	0.73	1.01	0.05	0.08	0.147	0.569	
Girinanda	1992	1.47	1.84	0.07	0.09	0.169	0.637	
Girinanda	1993	0.21	0.30	0.02	0.02	0.091	0.348	
Girinanda	1994	9.87	10.97	0.36	0.35	0.208	0.793	
Girinanda	1995	10.02	10.87	0.36	0.39	0.211	0.758	
Girinanda	1996	5.34	5.94	0.38	0.42	0.234	0.847	
Girinanda	1997	8.89	9.99	0.42	0.45	0.262	0.876	
Girinanda	1998	2.08	2.60	0.20	0.19	0.110	0.503	
Girinanda	1999	4.50	5.10	0.33	0.37	0.222	0.720	
Girinanda	2000	0.82	1.10	0.09	0.13	0.173	0.553	
Girinanda	2001	3.04	3.65	0.24	0.29	0.219	0.781	
Girinanda	2002	0.00	0.00	0.00	0.01	0.033	0.136	
Girinanda	2003	0.58	0.82	0.05	0.07	0.137	0.471	
Girinanda	2004	0.32	0.45	0.02	0.03	0.077	0.330	
Girinanda	2005	0.85	1.10	0.04	0.05	0.101	0.425	
Girinanda	2006	1.62	2.00	0.10	0.13	0.180	0.639	
Girinanda	2007	3.38	3.92	0.31	0.36	0.229	0.728	
Girinanda	2008	0.39	0.55	0.03	0.04	0.098	0.399	
Girinanda	2009	1.02	1.37	0.07	0.10	0.175	0.645	
Girinanda	2010	6.77	7.72	0.35	0.33	0.211	0.879	
Girinanda	**Mean**	**2.69**	**3.10**	**0.14**	**0.16**	**0.139**	**0.516**	
Kadambiri	1973	109.37	110.02	0.73	0.74	0.348	0.801	
Kadambiri	1974	4.97	5.71	0.80	0.82	0.324	0.604	
Kadambiri	1975	24.68	25.61	0.72	0.72	0.308	0.738	
Kadambiri	1976	18.47	19.29	0.90	0.91	0.380	0.773	
Kadambiri	1977	16.80	17.95	0.79	0.79	0.415	0.867	

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Kadambiri	1978	8.29	9.29	0.73	0.74	0.394	0.834	
Kadambiri	1979	6.54	7.56	0.78	0.79	0.410	0.808	
Kadambiri	1980	5.53	6.53	0.81	0.84	0.457	0.828	
Kadambiri	1981	1.08	1.48	0.51	0.54	0.228	0.436	
Kadambiri	1982	4.38	5.55	0.43	0.56	0.393	0.704	
Kadambiri	1983	12.56	13.72	0.68	0.76	0.425	0.874	
Kadambiri	1984	6.69	7.69	0.72	0.74	0.390	0.778	
Kadambiri	1985	6.64	7.51	0.73	0.73	0.378	0.733	
Kadambiri	1986	10.38	11.23	0.69	0.69	0.344	0.696	
Kadambiri	1987	0.39	0.58	0.44	0.46	0.162	0.294	
Kadambiri	1988	4.99	6.10	0.31	0.36	0.268	0.585	
Kadambiri	1989	11.62	12.49	0.62	0.68	0.372	0.763	
Kadambiri	1990	31.88	32.90	0.74	0.74	0.452	0.936	
Kadambiri	1991	6.00	6.89	0.75	0.75	0.398	0.780	
Kadambiri	1992	41.72	42.72	0.69	0.69	0.358	0.774	
Kadambiri	1993	11.54	12.47	0.79	0.80	0.411	0.779	
Kadambiri	1994	31.32	32.38	0.68	0.70	0.358	0.819	
Kadambiri	1995	8.92	9.85	0.77	0.77	0.406	0.780	
Kadambiri	1996	10.28	11.35	0.76	0.79	0.453	0.890	
Kadambiri	1997	19.38	20.37	0.78	0.79	0.454	0.895	
Kadambiri	1998	5.65	6.72	0.68	0.71	0.355	0.725	
Kadambiri	1999	2.14	2.90	0.68	0.73	0.379	0.711	
Kadambiri	2000	3.89	4.81	0.57	0.70	0.378	0.685	
Kadambiri	2001	5.40	6.39	0.68	0.73	0.400	0.808	
Kadambiri	2002	1.23	1.70	0.50	0.54	0.246	0.459	
Kadambiri	2003	6.42	7.50	0.47	0.54	0.357	0.751	
Kadambiri	2004	3.85	4.87	0.64	0.68	0.350	0.723	
Kadambiri	2005	33.08	34.41	0.73	0.78	0.455	0.909	
Kadambiri	2006	72.75	73.89	0.77	0.78	0.450	0.954	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Kadambiri	2007	28.61	29.54	0.82	0.82	0.448	0.865	
Kadambiri	2008	1.88	2.55	0.57	0.62	0.299	0.576	
Kadambiri	2009	3.63	4.55	0.44	0.58	0.333	0.649	
Kadambiri	2010	11.68	13.10	0.59	0.67	0.373	0.819	
Kadambiri	**Mean**	**15.65**	**16.58**	**0.65**	**0.69**	**0.371**	**0.747**	
Tokra	1973	41.66	41.66	0.58	0.58	0.046	0.147	
Tokra	1974	1.23	1.23	0.33	0.34	0.050	0.134	
Tokra	1975	17.51	17.51	0.34	0.35	0.042	0.149	
Tokra	1976	25.86	25.86	0.59	0.60	0.064	0.190	
Tokra	1977	26.70	26.70	0.61	0.62	0.061	0.178	
Tokra	1978	10.19	10.19	0.58	0.59	0.056	0.169	
Tokra	1979	8.33	8.33	0.58	0.59	0.056	0.168	
Tokra	1980	6.80	6.80	0.71	0.71	0.059	0.165	
Tokra	1981	3.53	3.53	0.34	0.36	0.060	0.172	
Tokra	1982	2.80	2.80	0.17	0.19	0.064	0.182	
Tokra	1983	10.25	10.25	0.42	0.42	0.060	0.173	
Tokra	1984	9.73	9.73	0.52	0.53	0.045	0.143	
Tokra	1985	5.41	5.41	0.49	0.50	0.040	0.132	
Tokra	1986	1.78	1.78	0.23	0.26	0.041	0.121	
Tokra	1987	0.87	0.87	0.03	0.04	0.032	0.090	
Tokra	1988	8.12	8.12	0.36	0.37	0.055	0.159	
Tokra	1989	3.84	3.84	0.39	0.41	0.045	0.143	
Tokra	1990	20.39	20.39	0.47	0.47	0.050	0.155	
Tokra	1991	3.26	3.26	0.38	0.39	0.037	0.117	
Tokra	1992	17.19	17.19	0.35	0.36	0.042	0.138	
Tokra	1993	6.00	6.00	0.59	0.60	0.049	0.142	
Tokra	1994	19.82	19.82	0.50	0.51	0.059	0.177	
Tokra	1995	8.16	8.16	0.56	0.56	0.049	0.142	
Tokra	1996	4.44	4.44	0.47	0.48	0.059	0.157	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Tokra	1997	7.85	7.85	0.42	0.43	0.057	0.163	
Tokra	1998	4.37	4.37	0.38	0.39	0.048	0.147	
Tokra	1999	5.40	5.40	0.39	0.43	0.062	0.166	
Tokra	2000	3.00	3.00	0.29	0.34	0.050	0.137	
Tokra	2001	5.03	5.03	0.32	0.33	0.046	0.144	
Tokra	2002	1.57	1.57	0.15	0.16	0.043	0.128	
Tokra	2003	11.09	11.09	0.38	0.39	0.051	0.155	
Tokra	2004	3.91	3.91	0.45	0.46	0.054	0.156	
Tokra	2005	8.34	8.34	0.37	0.39	0.047	0.146	
Tokra	2006	21.60	21.60	0.53	0.53	0.045	0.143	
Tokra	2007	9.79	9.79	0.64	0.64	0.047	0.139	
Tokra	2008	7.11	7.11	0.54	0.55	0.053	0.156	
Tokra	2009	3.48	3.48	0.44	0.45	0.046	0.139	
Tokra	2010	7.19	7.19	0.32	0.33	0.042	0.151	
Tokra	**Mean**	**9.57**	**9.57**	**0.40**	**0.40**	**0.050**	**0.150**	
Hans Sarovar	1973	1.63	1.66	0.47	0.48	0.004	0.035	
Hans Sarovar	1974	1.15	1.17	0.34	0.35	0.003	0.029	
Hans Sarovar	1975	2.71	2.74	0.24	0.25	0.000	0.033	
Hans Sarovar	1976	2.53	2.56	0.30	0.30	0.001	0.035	
Hans Sarovar	1977	3.03	3.06	0.32	0.32	0.002	0.036	
Hans Sarovar	1978	1.95	1.99	0.34	0.34	0.003	0.027	
Hans Sarovar	1979	0.96	0.97	0.28	0.29	0.002	0.027	
Hans Sarovar	1980	0.74	0.75	0.15	0.16	0.003	0.026	
Hans Sarovar	1981	1.02	1.02	0.07	0.07	0.002	0.023	
Hans Sarovar	1982	0.87	0.87	0.01	0.02	0.002	0.023	
Hans Sarovar	1983	1.57	1.58	0.03	0.03	0.003	0.039	
Hans Sarovar	1984	1.05	1.06	0.04	0.04	0.002	0.030	
Hans Sarovar	1985	1.39	1.40	0.03	0.03	0.001	0.029	
Hans Sarovar	1986	0.65	0.66	0.02	0.02	0.000	0.029	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Hans Sarovar	1987	0.53	0.54	0.00	0.00	0.000	0.014	
Hans Sarovar	1988	1.14	1.15	0.02	0.02	0.002	0.029	
Hans Sarovar	1989	0.71	0.72	0.01	0.01	0.001	0.023	
Hans Sarovar	1990	1.52	1.53	0.03	0.03	0.005	0.041	
Hans Sarovar	1991	0.79	0.80	0.02	0.02	0.001	0.021	
Hans Sarovar	1992	1.19	1.20	0.02	0.02	0.002	0.029	
Hans Sarovar	1993	1.12	1.13	0.03	0.03	0.004	0.032	
Hans Sarovar	1994	0.86	0.87	0.01	0.01	0.001	0.025	
Hans Sarovar	1995	1.77	1.78	0.04	0.04	0.001	0.034	
Hans Sarovar	1996	11.33	11.38	0.38	0.38	0.005	0.039	
Hans Sarovar	1997	1.40	1.41	0.67	0.67	0.002	0.033	
Hans Sarovar	1998	1.46	1.47	0.49	0.50	0.002	0.041	
Hans Sarovar	1999	0.93	0.94	0.36	0.36	0.002	0.028	
Hans Sarovar	2000	0.75	0.76	0.22	0.22	0.004	0.026	
Hans Sarovar	2001	0.78	0.79	0.10	0.11	0.005	0.029	
Hans Sarovar	2002	0.62	0.62	0.02	0.02	0.002	0.014	
Hans Sarovar	2003	1.57	1.62	0.04	0.04	0.002	0.042	
Hans Sarovar	2004	0.42	0.43	0.01	0.01	0.004	0.027	
Hans Sarovar	2005	0.76	0.76	0.03	0.03	0.003	0.033	
Hans Sarovar	2006	0.79	0.80	0.03	0.03	0.005	0.034	
Hans Sarovar	2007	0.60	0.61	0.02	0.02	0.008	0.037	
Hans Sarovar	2008	1.43	1.44	0.05	0.05	0.003	0.037	
Hans Sarovar	2009	0.90	0.91	0.05	0.06	0.002	0.028	
Hans Sarovar	2010	1.26	1.27	0.03	0.03	0.002	0.031	
Hans Sarovar	**Mean**	**1.47**	**1.48**	**0.10**	**0.10**	**0.003**	**0.030**	
Chandrana	1973	1.30	1.43	0.05	0.09	0.087	0.283	
Chandrana	1974	5.61	6.17	0.31	0.33	0.156	0.460	
Chandrana	1975	22.04	24.43	0.51	0.54	0.156	0.573	
Chandrana	1976	5.30	5.78	0.64	0.67	0.154	0.485	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Chandrana	1977	16.23	17.64	0.57	0.60	0.167	0.558	
Chandrana	1978	22.81	24.57	0.66	0.67	0.180	0.584	
Chandrana	1979	3.53	4.05	0.62	0.67	0.157	0.425	
Chandrana	1980	3.02	3.41	0.26	0.35	0.134	0.400	
Chandrana	1981	23.05	25.89	0.35	0.36	0.137	0.443	
Chandrana	1982	0.90	1.19	0.25	0.29	0.071	0.250	
Chandrana	1983	5.97	6.93	0.28	0.30	0.141	0.471	
Chandrana	1984	1.09	1.40	0.31	0.37	0.112	0.354	
Chandrana	1985	3.60	4.02	0.19	0.21	0.144	0.478	
Chandrana	1986	1.05	1.25	0.07	0.14	0.131	0.399	
Chandrana	1987	0.17	0.20	0.01	0.01	0.048	0.158	
Chandrana	1988	0.71	0.81	0.04	0.04	0.086	0.274	
Chandrana	1989	0.67	0.76	0.04	0.04	0.095	0.305	
Chandrana	1990	0.35	0.41	0.02	0.03	0.073	0.250	
Chandrana	1991	0.89	1.01	0.04	0.05	0.088	0.296	
Chandrana	1992	2.62	2.93	0.15	0.17	0.152	0.477	
Chandrana	1993	1.56	1.74	0.12	0.14	0.163	0.459	
Chandrana	1994	0.29	0.34	0.02	0.02	0.066	0.246	
Chandrana	1995	6.27	7.10	0.28	0.29	0.116	0.409	
Chandrana	1996	11.61	13.15	0.41	0.42	0.195	0.617	
Chandrana	1997	2.03	2.68	0.26	0.28	0.146	0.488	
Chandrana	1998	2.61	3.12	0.14	0.19	0.175	0.514	
Chandrana	1999	1.77	1.96	0.11	0.13	0.140	0.439	
Chandrana	2000	1.43	1.64	0.10	0.12	0.153	0.443	
Chandrana	2001	0.28	0.32	0.02	0.02	0.074	0.244	
Chandrana	2002	0.16	0.19	0.01	0.01	0.042	0.132	
Chandrana	2003	4.84	5.47	0.28	0.30	0.170	0.557	
Chandrana	2004	15.49	17.59	0.41	0.46	0.216	0.633	
Chandrana	2005	27.77	31.01	0.60	0.61	0.224	0.640	

Project name	Year	Annual water yield Scenario 1, MCM	Annual water yield Scenario 2, MCM	Annual reservoir evaporation Scenario 1, MCM	Annual reservoir evaporation Scenario 2, MCM	Annual evaporation from WHS, MCM	Annual sub-surface percolation from WHS, MCM	Actual Water yield of project (including all upstream Major/medium projects), MCM
Chandrana	2006	3.05	3.73	0.46	0.56	0.171	0.507	
Chandrana	2007	2.82	3.36	0.17	0.29	0.158	0.472	
Chandrana	2008	27.01	30.57	0.45	0.46	0.212	0.612	
Chandrana	2009	3.24	3.65	0.52	0.56	0.135	0.412	
Chandrana	2010	14.72	16.23	0.29	0.35	0.150	0.512	
Chandrana	**Mean**	**6.52**	**7.32**	**0.21**	**0.24**	**0.136**	**0.428**	

Final Report No. 4.3

Volume 3 of 3

Report

Government of Rajasthan
Water Resources Department, Jaipur

Consultancy Services for Study on Planning of Water Resources of Rajasthan State

Final Report No. 4.3

Detailed Study of Catchment Areas

Volume 3
Maps Atlas

July 2014

IN-24740-R13-074

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Data Sources

Data	**Source**
Digital Elevation Model	SRTM digital elevation model (all elevations above mean sea level, m)
Landuse	Landuse map, National remote sensing agency, Hyderabad
Soil	Soil resource atlas of Rajasthan, Space remote sensing application center, Jodhpur

*The maps supposed to be contained in this volume were not available at the original source

http://water.rajasthan.gov.in/content/water/en/swrpdepartment/dataroom/tahaldata.html